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APCG 2026

UBT
جامعة الأعمال و التكنولوجيا
UNIVERSITY OF BUSINESS AND TECHNOLOGY

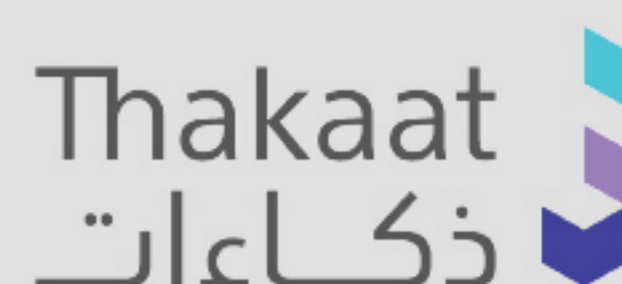
The 19th Asia-Pacific Conference on Giftedness Conference Program

University of Business and Technology UBT
Jeddah, Saudi Arabia
7 - 11 February 2026

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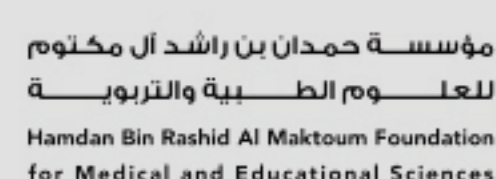
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APCG 2026

The 19th Asia-Pacific Conference on Giftedness
Shaping the Future of Gifted Education, Jeddah, Saudi Arabia
University of Business and Technology

The 19th Asia-Pacific Conference on Giftedness (APCG) 2026

About the Conference

The 19th Asia-Pacific Conference on Giftedness 2026 (APCG 2026) is a global platform dedicated to rethinking the future of gifted education. Organized by the Asia-Pacific Federation on Giftedness (APFG), APCG is a biennial conference that has, since its inception in 1990, brought together educators, researchers, policymakers, and institutions from across the world to advance dialogue, research, and practice in gifted and talented education.

Hosted in cities across the Asia-Pacific region; including Manila, Taipei, Seoul, Singapore, Sydney, Dubai, Bangkok, Beijing, and most recently Takamatsu, Japan (2024) —APCG 2026 marks a significant milestone as the conference convenes in Jeddah, Saudi Arabia, for the first time. Building on more than three decades of legacy, APCG 2026 invites bold thinking, shared responsibility, and collective action to shape how giftedness will be identified, nurtured, and sustained toward 2050.

Key highlights of APCG 2026 include:

- 15 Inspiring Keynote Sessions
- 25 Symposiums & Panel Discussions
- 12 Pre-Conference Workshops
- 150+ Scientific Paper Presentations
- GenAI Youth Summit
- Gifthone: Hackathon on Educational Innovation
- Launch of the world's first Global Giftedness Index
- Global Networking Opportunities
- Cultural Activities: Exploring Jeddah & Saudi Arabia

APCG continues to unite a global community of educators, researchers, and thought leaders to shape the future of gifted education in the Asia-Pacific region and beyond.



APCG2026 Conference Theme

“Fast Forward: Building a Better Future for Gifted Education 2050”


At its heart, APCG 2026 is a call to reimagine gifted education in a world that is constantly evolving. With challenges like globalization, emerging technologies, and increasing diversity, the need for adaptable and inclusive approaches has never been more urgent.

The conference will focus on four critical themes:

- **Increased Diversity in Gifted Education:** Adapting to the growing diversity in the gifted population.
- **Support for Twice-Exceptional (2e) Learners:** Enhancing support for gifted students with unique challenges.
- **Personalized Learning Pathways:** Creating tailored educational experiences for every gifted learner.
- **21st- Century Workforce:** Preparing gifted students to thrive in a dynamic global economy.

With keynote addresses, research symposiums, and collaborative dialogues, the conference promises both theoretical depth and practical impact.

APCG 2026 brings together educators, researchers, practitioners, and policy experts from around the world, united by the conference’s central theme, “Fast Forward: Building a Better Future for Gifted Education 2050.”



APCG2026 Logo



The official logo of the Asia-Pacific Conference on Giftedness 2026 blends deep cultural heritage with a forward-looking vision, symbolizing both tradition and progress.

At its core, the design features a palm tree, a timeless emblem of resilience, growth, and prosperity. Just as palm trees thrive in arid landscapes, gifted education continues to evolve, shaping the future through innovation and progress. This reflects the conference's mission — to foster continuous development in the field and unlock the full potential of gifted learners.

Beyond its universal symbolism, the palm tree holds special significance in Saudi Arabia, representing the nation's rich heritage and natural beauty. Its presence in the logo firmly establishes the conference's regional identity, underscoring Saudi Arabia's growing role in advancing gifted education on a global scale.

The stylized palm fronds introduce a contemporary and innovative touch, reflecting the dynamic nature of the conference. This modern interpretation embodies the ever-evolving landscape of gifted education, where fresh ideas and pioneering approaches shape the future.

APCG2026 Conference Venue

The University of Business and Technology (UBT),
Jeddah, Saudi Arabia

About UBT

Since its establishment in 2000, the University of Business and Technology (UBT) has been a pioneer in private higher education, providing undergraduate and graduate programs that are responsive to current and future market needs. With four diverse colleges in the fields of Business Administration, Engineering, Advertising, and Law and over 60 programs and tracks, UBT is dedicated to offering quality education that is transformative in nature – This means the university is value-driven, market-oriented, and focused on delivering a learning experience that empowers students to thrive.



Since its establishment in 2000, the University of Business and Technology (UBT) has been a pioneer in private higher education, providing undergraduate and graduate programs that are responsive to current and future market needs. With four diverse colleges in the fields of Business Administration, Engineering, Advertising, and Law and over 60 programs and tracks, UBT is dedicated to offering quality education that is transformative in nature – This means the university is value-driven, market-oriented, and focused on delivering a learning experience that empowers students to thrive.

UBT serves over 5,000 students across 28 undergraduate and graduate programs and has proudly graduated more than 12,000 individuals. Many of its alumni now hold leadership positions both in Saudi Arabia and internationally. As a leading institution in Saudi Arabia's private education sector, UBT fosters a dynamic environment for innovation and collaboration, complemented by state-of-the-art facilities designed to host impactful events such as APCG 2026.

Vision

To be a leading university at the national level and internationally recognized in the field of education and research for the advancement of society.

Mission

To contribute to society through the pursuit of high-quality market-driven undergraduate and graduate programs and executive education that prepare competent professionals, future leaders, and entrepreneurs, and research with tangible impact on the economy and community.



About the Asia-Pacific Federation on Giftedness (APFG)

The Asia-Pacific Federation on Giftedness (APFG) was established in 1990 in Manila, Philippines, originally known as the Asia-Pacific Federation (APFG). It became affiliated with the World Council for Gifted and Talented Children (WCGTC) in 1994 and later transitioned into an independent organization in 2010 under the name APFG.

APFG's mission is to focus attention on gifted and talented children across the Asia-Pacific region and their valuable potential contributions for the benefit of humankind. It serves as a collaborative platform for educators, researchers, policymakers, and advocates dedicated to the advancement of gifted education. Through partnerships, research, and educational initiatives, APFG strives to nurture the unique abilities of gifted individuals and promote equitable access to opportunities that support their growth.



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General Conference Coordinator,
Dean of Deanship of Social
Responsibility, University of
Business and Technology

APCG 2026 Scientific Committee

Name

Position

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Prof. Heidrun Stoeger

Vice Chair of Scientific Committee, Professor, University of Regensburg, Germany

Prof. Ching-Chih Kuo

Scientific Committee Member, National Taiwan Normal University

Prof. Abdulhamid Alarfaj

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Dr. Sarah Khalid Al-Fawzan

Scientific Committee Member, Specialist in Intellectual Disability, King Faisal University

Keynote Speakers



**H.H. Dr. Faisal
Mashary Al Saud**

Consultant at King Abdulaziz and his companions Foundation for Giftedness and Creativity (MAWHIBA)



Prof. Albert Ziegler

Chair Professor of Educational Psychology at Friedrich-Alexander-University Erlangen-Nürnberg, Germany



Prof. Ching-Chih Kuo

Professor at National Taiwan Normal University, Taipei, Taiwan



Sir Edward Byrne

Professor at King Abdullah University of Science and Technology (KAUST), Saudi Arabia



**Prof. Janchai
Yingprayoon**

Prince of Songkla University, Consultant for Teaching and Research, Faculty of Science and Industrial Technology, Thailand



Dr. Lucie Cerna

Senior Analyst, Equity, Inclusions Transitions, Directorate of & Education & Skills, OECD



Prof. Elena Grigorenko

Professor of Psychology at the University of Houston, USA



Prof. Heidrun Stoeger

Chair Professor for School Research, School Development & Evaluation at the University of Regensburg, Germany



Prof. Jae Yup Jung

Professor at the School of Education, University of New South Wales, Australia



Prof. Todd Lubart

Professor of Psychology, University de Paris, France



Dr. Rena Subotnik

Research Associate, Academic Talent Development Program, University of Berkeley, USA



Prof. Sung-il Kim

Professor of Education & Director of Brain & Motivation Research Institute (bMRI), Korea University, South Korea

APCG2026 Keynote Sessions

Towards Sustainable Development: Highlights on Current and Future “Mawhiba” Initiatives and Programs



H.H. Dr. Faisal Mashary Al Saud

Consultant at King Abdulaziz and his companions Foundation for Giftedness and Creativity (MAWHIBA)

Keynote Abstract

King Abdulaziz & His Companions Foundation for giftedness and Creativity (Mawhiba) has built its new strategy 2024-2030 on a successful and authentic experience of 25 years in serving talented and creative students. Through an experience that spanned through three previous strategic plans, Mawhiba was able to address challenges and capitalize on promising opportunities and impactful developments.

Through its new vision, which reads that Mawhiba should be a leading global reference in empowering the brightest talented young minds to create sustainable impact, and through three pillars that included a sustainable learning journey driven by success, a sustainable ecosystem, and a knowledge powerhouse, Mawhiba has set its strategic goals and initiatives that are grouped in five ambitious programs.

The presentation will highlight on current and future initiatives and programs that Mawhiba is working on to attain its vision and goals serving giftedness and creativity.

Keynote Bio

Dr. Faisal Mashary Al Saud is a consultant at King Abdulaziz and his companions Foundation for Giftedness and creativity (Mawhiba). With his early background as an Associate Professor in Engineering and through his responsibilities in the deanship of Engineering school at King Saud University with his special interest in educational research and evaluation, he chaired the Center of Strategic Studies in Higher Education. In the period (2001-2019), he headed the establishment and chaired the National Center for Assessment in Education. He engaged in designing, shaping, and verifying several educational assessment and evaluation programs and tools and worked and lead number of Strategies and planning in higher and gifted education.

APCG2026 Keynote Sessions

Megatopes and Identifying Talent on a Country Level



**Prof.
Albert Ziegler**

Chair Professor of Educational Psychology
at Friedrich-Alexander-University
Erlangen-Nurnberg, Germany

Keynote Abstract

Every country is interested in identifying and supporting its talents optimally. The problem, however, is what resources are required and how they should be optimally deployed. Adopting a learning resource-oriented framework, this presentation examines how talent development in a society emerges through the interplay of individual (e.g., organismic, attentional) and environmental learning resources (e.g., social, infrastructural). Three types of core systems are identified: response, control, and support systems. Their success is measured by the extent to which they enable and realise effective learning resource management.

By applying foundational educational principles (continuity, the law of the minimum, caution, polytely, accessibility, and megatopes), I demonstrate that strategic orchestration and monitoring of resources can foster and sustain exceptional abilities. Properly aligned with these principles, such orchestration not only promotes equitable opportunities for gifted children but also generates broader social and economic benefits for societies. Ultimately, by identifying and coordinating critical resources, policymakers and educators can cultivate conditions that enable gifted students to excel, thereby enriching both individuals and their communities.

Keynote Bio

Albert Ziegler, PhD, is Chair Professor of Educational Psychology and Research on Excellence at the University of Erlangen-Nuremberg, Germany, and the Founding Director of the Statewide Counseling and Research Center for the Gifted. He is internationally recognized as a pioneer in the field of giftedness and talent development.

His work, including the development of the Actiotope Model of Giftedness, promotes systemic and evidence-based practices that focus on contextual and learning resources. Professor Ziegler has published over 450 books, chapters, and articles. He previously served as the Secretary-General of the International Research Association for Talent Development and Excellence (IRATDE) and as the Editor-in-Chief of High Ability Studies.

He has held visiting professorships at prestigious institutions, including Columbia University, the Chinese Academy of Sciences, and the University of Vienna. Professor Ziegler's contributions have fundamentally shaped global conversation on how societies can strategically cultivate exceptional abilities.

APCG2026 Keynote Sessions

Beyond IQ: Adapted Education for Gifted Students with Unique Emotional and Learning Needs



Prof. Ching-Chih Kuo

Professor Emeritus
Department of Special Education, National
Taiwan Normal University

Keynote Abstract

Gifted students are often recognized for their rapid learning, deep comprehension, mental agility, and creative thinking. From a young age, they may appear to be "little adults"; however, their cognitive precocity is often accompanied by heightened emotional sensitivity, leading them to perceive themselves as different from their peers. In this keynote, Prof. Kuo will present findings from empirical studies in Taiwan that explore the emotional and psychological profiles of gifted learners, with particular attention to overexcitabilities (OEs), perfectionism, and the dual challenges faced by twice-exceptional (2e) students. While these traits can contribute to both strengths and vulnerabilities, they may also result in emotional disintegration and adjustment difficulties. Prof. Kuo will underscore the importance of responsive educational environments and differentiated instructional strategies in nurturing gifted students' self-concept, emotional well-being, and holistic development.

Keynote Bio

Dr. Ching-Chih Kuo is a dedicated professor in the Department of Special Education at National Taiwan Normal University, contributing 48 years of her life to the field of special education since 1977. Her research expertise spans education policy, identification, twice exceptionality, brain study, and the cognitive, social, and emotional development of individuals with special needs.

Actively engaged in international exchange activities, Professor Kuo organized the ninth (2006) and seventeenth (2022) Asia-Pacific Conferences on Giftedness and hosted the Asia-Pacific Forum for Science Talented from 2015 to 2019. She is the Immediate Past President of the Asia-Pacific Federation on Giftedness (2024-2026).

She has been the K-12 EA, MOE's Committee Responsible for Identification and Placement of Gifted and Disabled Students; the Committee Board of Identification and Placement of Gifted and Disabled Students of Taipei City Government, etc. Professor Kuo retired from NTNU in February 2025, and she will keep serving as a professor emeritus.

APCG2026 Keynote Sessions

Unmasking Hidden Potential: Future Directions in
Twice-Exceptional Education



**Prof.
Elena L. Grigorenko**

Professor of Psychology
Baylor College of Medicine, University of
Houston, and Yale University, USA

Keynote Abstract

Twice-exceptional (2e) learners—students who are both gifted and have disabilities—represent a unique and often overlooked population in education. Their dual exceptionalities create complex profiles that challenge traditional identification and support systems. While these students possess remarkable strengths, their talents are frequently masked by learning, behavioral, or emotional difficulties, leading to underachievement and misdiagnosis. This presentation explores emerging directions in twice-exceptional education, emphasizing the need for integrated frameworks that recognize and nurture both abilities and challenges. Key strategies include strength-based assessment, differentiated instruction, and collaborative models that unite general and special education practices. Additionally, the presentation will examine the role of social-emotional supports and executive function interventions in fostering resilience and engagement. Future directions call for research-driven policies, teacher training, and inclusive environments that prioritize equity and access for 2e learners. By unmasking hidden potential, educators can transform barriers into opportunities, ensuring that these students thrive academically and personally. The session will conclude with practical recommendations for schools and families to create pathways for success.

Keynote Bio

Dr. Elena L. Grigorenko received her Ph.D. in general (cognitive) psychology from Moscow State University, Russia; her Ph.D. in developmental psychology and genetics from Yale University, USA; and her re-specialization in clinical (forensic) psychology from Fielding University, USA. Currently, Dr. Grigorenko is affiliated with three universities: Baylor College of Medicine, the University of Houston, and Yale University. She has published more than 600 peer-reviewed articles, book chapters, and books. Dr. Grigorenko has received multiple professional awards for her work, secured research funding from numerous federal and private sponsoring organizations in the USA and other countries, supported multiple non-profit organizations—including serving as a board member and chair—and served as editor-in-chief for professional journals. Her interests are broadly focused on the well-being of children: in all categories, of all types, in all contexts. Dr. Grigorenko has worked with children and their families in the USA as well as in Africa (Kenya, Tanzania and Zanzibar, Ghana, the Gambia, and Zambia), India, Saudi Arabia, Ukraine, and Russia.

APCG2026 Keynote Sessions

The Role of Motivation, Skill Acquisition, and Creativity in Developing Talent Towards Excellence and Innovation: A Resource-Oriented Model Based on Empirical Evidence



Prof. Heidrun Stoeger

Chair of School Research, School Development, and Evaluation University of Regensburg, Germany

Keynote Abstract

This keynote introduces a comprehensive, resource-oriented model of talent development toward excellence and innovation, integrating motivational, cognitive, and creative processes across the developmental trajectory from initial interest to eminent achievement. Drawing on Bloom's three-stage framework—interest development, skill acquisition, and style formation—the model reconceptualizes talent not as a fixed individual attribute but as a dynamic, systemic process shaped by the continual interaction between individuals and their environments. Motivation, learning, and creativity are conceived as interdependent processes that cyclically reinforce one another throughout the stages of talent evolution.

Building on empirical findings from the learning and educational capital framework (Ziegler & Stoeger, 2011), the model highlights the pivotal role of endogenous (learning capital) and exogenous (educational capital) resources. Together, these resources ensure a continuous developmental progression—from early curiosity and engagement to the mastery of expertise and, ultimately, to creative and innovative achievement. Evidence from STEMM research underscores that the density and alignment of such resources—within individuals, institutions, and broader sociocultural systems—determine whether talent pathways culminate in excellence and innovation or break down prematurely.

Integrating insights from research on expertise, motivation, and creativity, this resource-oriented model provides a unifying framework for understanding how educational environments can nurture human potential. It also offers practical implications for designing equitable and sustainable talent-support systems that bridge the gap between talent attraction, skill cultivation, and creative innovation across domains.

Keynote Bio

Prof. Dr. Heidrun Stoeger is a Full Professor and Chair of School Research, School Development, and Evaluation at the University of Regensburg, where she leads the department's research and teaching activities. She also holds an Honorary Professorship at the Pontificia Universidad Católica del Perú. An internationally recognized expert in talent development, mentoring, and STEMM education, she has authored more than 300 publications, including books, chapters, and journal articles. Prof. Stoeger has served as Vice President of the International Research Association for Talent Development and Excellence (IRATDE) and as Editor-in-Chief of High Ability Studies. Her research focuses on inclusive gifted education, mentoring, talent development in STEMM, as well as learning and instruction. She regularly advises governments and foundations across Europe, the Americas, the Gulf Region, and East Asia. She currently directs six major research projects on talent development in STEM and mentoring, promoting innovation in education and professional development.

APCG2026 Keynote Sessions

Diverse Minds, Diverse Contexts: Equity and Excellence in Asia-Pacific Gifted Education



**Prof.
Jae Yup Jung**

Professor and Director
School of Education and GERRIC, The
University of New South Wales, Australia

Keynote Abstract

Gifted education in the Asia-Pacific region unfolds within a diverse landscape of cultures, languages, traditions, and socioeconomic conditions. While academic excellence has long been the driving goal, the equally urgent challenge of equity—ensuring that all gifted learners are identified, supported, and nurtured—remains pressing. This symposium examines how culture, gender, socioeconomic status, and policy intersect in shaping gifted education, and explores how inclusive and culturally responsive approaches can better reflect the rich diversity of the region.

The discussion is organized around four key themes. The first, Rethinking Giftedness Across Cultures, highlights how traditions such as Confucianism, Buddhism, and Indigenous worldviews provide distinctive perspectives on intelligence and talent, often challenging dominant Western paradigms. It considers how cultural values influence the recognition of giftedness and their implications for pedagogy and student development.

The second theme, Equity and Access for Disadvantaged Learners, addresses the systemic barriers faced by children from low-income, rural, multilingual, or marginalized backgrounds. These learners are often overlooked due to resource limitations or entrenched biases. Case studies of outreach initiatives, digital platforms, and community-driven programs will be presented as models for broadening opportunity without compromising excellence.

Keynote Bio

Jae Yup Jung, PhD, is a Professor in the School of Education and the Director of the Gifted Education Research, Resource and Information Centre (GERRIC) at The University of New South Wales, Australia. His research program, which incorporates various topics relating to gifted adolescents (with a particular focus on their education and career-related decisions) has been published or presented on more than 100 occasions.

His research has been recognized with awards from the American Educational Research Association, the U.S. Mensa Education and Research Foundation, the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, and the Society for Vocational Psychology, and research grants from the Australian Research Council, the Australian Department of Foreign Affairs and Trade, and the New South Wales Department of Education.

APCG2026 Keynote Sessions

Thinking Like Einstein: Strategies for Developing Gifted Learners in Science and Beyond



**Prof.
Janchai Yingprayoon**

Professor
Prince of Songkla University, Suratthani
Campus, Suratthani, Thailand

Keynote Abstract

Creativity is an inherent capacity of the human mind and can be nurtured through intentional strategies and structured learning experiences. Insights into the nature of creativity, along with the traits demonstrated by highly creative individuals—such as Einstein—provide valuable guidance for cultivating creative potential in learners. Common characteristics of creative individuals include curiosity, independence, confidence, adventurousness, humor, persistence, idealism, energy, and perseverance. Instructional techniques such as the SCAMPER framework offer practical methods for fostering creative thinking in educational settings.

Gifted learners, in particular, benefit from learning environments that challenge their abilities and encourage creative expression. Effective strategies for cultivating creativity and talent in science education include: (1) accelerated learning and curriculum compacting, (2) inquiry-based and open-ended experimentation, (3) problem-based learning (PBL), (4) engineering design challenges, (5) the integration of technology and research tools, and (6) mentorship and independent research opportunities.

By combining an understanding of creative traits with research-informed instructional strategies, educators can design science learning experiences that support the intellectual growth, innovation, and creative development of gifted learners.

Keynote Bio

Prof. Janchai Yingprayoon received a German Government Scholarship to study a Ph.D. in Laser Physics from Free University in Berlin, Germany. Involved in the International Council of Associations for Science Education (ICASE) since 1979, he became an ICASE Regional Representative in 1993, and later served as ICASE President from 2004-2007.

Prof. Janchai Yingprayoon received an Outstanding University Lecturer Award from the King of Thailand in 1982; an ICASE Distinguished Service Award at ICASE World STE2013 Conference, Malaysia in 2013; and an ICASE Lifetime Achievement Award at ICASE World STE2023 Conference, Dubai in 2023. He has been working as an adjunct professor at Guangxi Normal University and Guilin University of Aerospace Technology in Guilin, China for several years. He has worked extensively with UNESCO and is a creative and humorous speaker who makes learning science fun and meaningful. He is a well-known international speaker and has been invited to many international conferences as an honorable keynote speaker.

Prof. Yingprayoon has conducted numerous innovative workshops in 28 countries around the world. He is currently working as the Director of STEM Education Center – Prince of Songkla University Wittayanusorn Suratthani School, Suratthani Province, Thailand.

APCG2026 Keynote Sessions

Supporting Gifted Learners in Diverse Contexts: OECD Findings and Country Policies



**Dr.
Lucie Cerna**

Senior Analyst in Equity, Inclusion & Transitions and Project Leader Directorate for Education and Skills, OECD, Paris

Keynote Abstract

Giftedness exists in every community - across all social, cultural, and economic backgrounds. Yet many high-potential students at the intersections of disadvantage, such as those affected by socio-economic barriers, gender bias, linguistic diversity, or disability, continue to be overlooked. Drawing on recent OECD evidence, this keynote examines how different definitions and identification practices shape opportunities for gifted learners worldwide.

OECD research reveals that conceptions of giftedness vary significantly across countries. Some systems emphasize academic achievement, while others broaden the lens to include creativity, problem-solving ability, or artistic expression. These definitional choices directly influence who is recognized and supported, and who may be left behind. Across the globe, education systems employ diverse strategies: early screening, specialised enrichment programmes or inclusive classroom models designed to nurture potential in all learners. While data on gifted education remain limited, ongoing efforts to improve evidence collection are helping policymakers identify where progress is being made and where inequities persist.

Supporting gifted learners requires more than academic intervention; attention to their social and emotional well-being is essential for long-term flourishing. The keynote will argue that equity and excellence need not be opposing goals. When education systems adopt inclusive approaches to giftedness, they strengthen outcomes for both high-ability students and the broader learning community. Participants are invited to explore international insights, exchange experiences and contribute to shaping fairer and more innovative policies that empower gifted learners in every context.

Keynote Bio

Dr. Lucie Cerna is currently a Senior Analyst in Equity, Inclusion & Transitions and a Project Leader for Education for Inclusive Societies in the Directorate for Education and Skills, OECD, Paris. The project focuses on promoting equitable and inclusive education systems that meet the needs of all learners, including gifted students, as a foundation for building inclusive societies. Lucie is also an Associate Research Fellow at the Centre for Liberal Arts and Social Sciences, Nanyang Technological University Singapore. Prior to coming to the OECD, she was a Lecturer in Politics at Merton College, University of Oxford; an Assistant Professor in Global Challenges (Political Economy) at Leiden University, the Netherlands; and an Anglo-German Postdoctoral Fellow at the University of Oxford, United Kingdom. Lucie has published widely on education, skills and migration issues. She holds a DPhil from the University of Oxford.

APCG2026 Keynote Sessions

Outlier Talents: Contributions of Non-traditional, or Culturally or Regionally Unique Domains to Our Understanding of Talent Development



**Dr.
Rena F. Subotnik**

Research Associate
Academic Talent Development Program,
University of California, Berkeley

Keynote Abstract

Creative scholars, like Nobel laureate in Medicine and Physiology, Joshua Lederberg, mused about how the presence of data outliers in his research led him to new insights and avenues for exploration. The goal of this session is to survey the development of expertise in what we will call outlier talents—that is, those that lie outside the traditional realms admired and supported by more mainstream Western educational and cultural organizations. Exemplified by anime, artistic swimming, or magic, outlier fields provide an opportunity to challenge our understanding of the general process of talent development, as it progresses from abilities to competencies, and from competencies to expertise. The session will include a brief description of four outlier talent areas—Circus Arts, Drum Corps, Ardah, and Indian Classical Dance—including their associated systems of support. This support involves mentors who carry the burden and power of identifying potential for these representative outlier talents and providing opportunities for potential to emerge fully. I will then place the outlier talents in the framework of the talent development megamodel (TDMM) to allow for comparisons with each other and with the more traditional domains upon which the TDMM was based. This framing helps to showcase how the talent development process leading to expertise and beyond to transformational creativity is also applicable in these domains.

Keynote Bio

Rena F. Subotnik PhD serves as Research Associate at the Academic Talent Development Program, University of California, Berkeley, Graduate School of Education. From 2001 until June 2023, she was Senior Director of the Center for Psychology in Schools and Education at the American Psychological Association. The Center's mission was to generate public awareness, advocacy, practical applications, and cutting-edge research ideas from psychological science that enhance the achievement and well-being of talented children in schools.

She is co-author, with Paula Olszewski-Kubilius, and Frank Worrell, of the Talent Development Megamodel, appearing in publications such as *Scientific American*, *Scientific American Mind*, *Annals of the New York Academy of Sciences*, *Frontiers in Psychology*, *Psychological Science in the Public Interest*, and the *Annual Review of Psychology*, and co-editor with Paula Olszewski-Kubilius and Frank Worrell of *The Psychology of High Performance: Developing Human Potential Into Domain-Specific Talent*.

APCG2026 Keynote Sessions

Redesigning Learning for Agentic Minds



**Prof.
Sung-il Kim**

Professor of Educational Psychology
Korea University

Keynote Abstract

In the era of intelligent technologies, education must move beyond digital adaptation toward cognitive co-evolution. This keynote explores how learning environments can be redesigned once we understand how the brain learns, develops, and interacts with AI. The future world will be augmented, ubiquitous, affective, autonomous, and adaptive—demanding that learners' minds evolve in tandem with these systems. The central idea is the cultivation of the Agentic Mind: the capacity to act intentionally, question assumptions, create new possibilities, and take ownership of one's learning journey.

Three core competences underpin this vision: critical questioning (asking why before accepting answers), creative problem-solving (thinking beyond established patterns), and collaborative communication (learning and building together). To nurture such minds, education must embrace error-driven learning, where mistakes are reframed as data for growth, and project-based apprenticeship, which anchors knowledge in authentic, community-connected challenges.

The keynote will also envision future schools and universities as curiosity-driven ecosystems—spaces for experimentation rather than examination. Finally, it will connect the neuroscience of curiosity, the psychology of feedback, and the art of self-regulation as the foundations of lifelong learning in the AI age. In essence, this talk invites educators to design systems where human agency and artificial intelligence grow together toward a more creative, adaptive, and humane future.

Keynote Bio

Sung-il Kim is Professor of Educational Psychology and immediate past Director of the Brain and Motivation Research Institute (bMRI) at Korea University. He earned his Ph.D. in Cognitive Psychology from Utah State University and previously served as Assistant Professor at the University of Nebraska–Lincoln. His research examines the neural bases of interest, curiosity, and motivation; models interest-based learning; and designs engaging learning environments. He has published more than 100 research papers and seven scholarly books. His honors include the American Psychological Association's Edwin B. Newman Award for Excellence in Research, the Korean Educational Psychology Association's Award for Outstanding Contribution, Korea University's Distinguished Teaching Award (12 consecutive years), and the Distinguished Research Award. He has served as President of the Korean Educational Psychology Association, the Korean Society for Cognitive Science, and the Korean Mind, Brain, and Education Society, and as Dean of the College of Education and the Graduate School of Education at Korea University.

APCG2026 Keynote Sessions

Keynote 11: Fostering Creativity: The Key to Future-Ready Gifted Education



**Prof.
Todd Lubart**

Full Professor of Psychology
University Paris Cité, France

Keynote Abstract

This presentation will examine the concept of creativity as a key part of giftedness. First creativity will be defined and the psychological factors that support it will be described. Methods to detect and measure creativity, focusing on creative potential will be illustrated. Then, four main ways to foster creativity in educational contexts will be showcased.

These are:

- 1 school-based activities to help develop the ingredients needed for creativity,
- 2 programs to develop creative thinking techniques and habits,
- 3 school-based project work that engages creative thinking,
- 4 extracurricular activities that support creative thinking.

In a final part, the way that generative AI is impacting creativity and the need for educational programs to develop creativity will be discussed and illustrated.

Keynote Bio

Todd Lubart obtained his PhD from Yale University. He is a full professor of psychology at University Paris Cité. Former director of an applied psychology research laboratory, coordinator of several grants and contracts, has approximately 300 scientific publications in articles, books and psychological tests. His lines of research involve the identification and development of creative potential, creativity assessments, creative giftedness, environmental support for creativity, and the impact of generative AI on creativity.

Todd Lubart serves on the editorial board of several journals concerning creativity and innovation, received the Berlyne award from the American Psychological Association, the NAGC Torrance Award, the WCGTC international creativity award and was a member of the Institut Universitaire de France. Todd Lubart is president of ISSCI (the International Society for the Study of Creativity and Innovation, issci.online). He directs the Master of Artistic Creation - Art therapy program which includes visual arts, drama, music and dance-movement specializations.

APCG2026 Keynote Sessions

Keynote 12: From Campus to Global Impact: The Strategic Role of Research Universities in Talent Development



Sir Edward Byrne

President of King Abdullah University of
Science and Technology (KAUST)
KSA

Keynote Abstract

As nations prepare for an increasingly complex and innovation-driven future, gifted education must evolve from talent identification to sustained capability building. This keynote explores the unique role of research universities in transforming gifted potential into national and global impact, with a focus on Saudi Arabia's experience under Vision 2030 and the Human Capability Development Program.

Drawing on the KAUST strategy and the KAUST Gifted Student Program, the talk illustrates how early investment in gifted talent, global academic immersion, and seamless integration with advanced research ecosystems can create an enduring pipeline of scientific leadership. It highlights how research universities enable personalized pathways, accelerate learning through frontier research, integrate emerging technologies such as artificial intelligence, and align gifted education with national missions in energy, water, food, health, and climate resilience.

The keynote argues that the true measure of gifted education lies not in individual achievement alone, but in the ability of institutions to convert exceptional talent into long-term societal value. By linking campuses to global networks and national priorities, research universities can play a decisive role in shaping future-ready talent and building resilient, knowledge-based economies.

Keynote Bio

Professor Sir Edward Byrne is a neuroscientist and clinician known for his significant contributions to academia, healthcare, and society. He served as President and Principal of King's College London (KCL) from 2014 to 2021, where he led the university's Vision 2029 strategy, strengthening its role on the national stage and chairing King's Health Partners.

Prior to KCL, Professor Byrne was President and Vice-Chancellor of Monash University in Australia from 2009 to 2014, during which time he elevated Monash's global rankings into the top 100 universities worldwide.

He earned his medical degree from the University of Tasmania and trained as a neurologist in Adelaide and London. He is a Fellow of the Royal Australasian College of Physicians, the Royal Colleges of Physicians of London and Edinburgh, and the American Academy of Neurology. He is also a member of several learned academies, including the UK Academy of Medical Sciences and the Australian Academy of Science, Technology, and Engineering.

Professor Byrne has received numerous honours, including the AO (Officer of the Order of Australia) in 2006, the AC (Companion of the Order of Australia) in 2014, and a Knighthood in the Queen's Birthday Honours in 2020.

APCG2026 Symposiums



Symposium 1: King Faisal Prize Laureates

Interviewing Brilliance: Lessons from King Faisal Prize Laureates



Dr. Rena Subotnik
(Conversation Host)

Research Associate, Academic
Talent Development Program,
University of California, Berkeley



Prof. Jackie Yi-Ru Ying

Chief Innovation and Research
Officer at King Faisal Specialist
Hospital & Research Centre; King



Prof. Nader Masmoudi

Professor of Mathematics, New
York University; King Faisal Prize
Laureate in Science 2022



Symposium 2: The UNESCO Regional Center for Quality and Excellence in Education (UNESCO RCQE)

From Models to Impact: Quality and Excellence Frameworks to Empower
Gifted Education 2050



Dr. Abdul Rahman Almedaires

Director General, UNESCO Regional
Center for Quality and Excellence in
Education (UNESCO RCQE)



Dr. Jin Li

Director of the UNESCO
International Centre for Innovation
in Online Higher Education



Dr. Fatimah Roais

Deputy Director, UNESCO Regional
Center for Quality and Excellence in
Education (UNESCO RCQE)



Dr. Najoua Fezzaa Ghriss

Director of the Programs and Projects
Department, UNESCO Regional Center for
Quality and Excellence in Education
(UNESCO RCQE)



Prof. Dato' Ansary Ahmed

Founding President, Asia e-University (AeU)

APCG2026 Symposiums



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

A Panel Discussion: (Qiyas)

Academic Acceleration Tests and Their Impact on Supporting Gifted Students.



H.H. Dr Faisal Mashary Al Saud

Consultant at the King Abdulaziz & His Companions Foundation for Giftedness and Creativity (Mawhiba), KSA



Dr. Farah Mansour Alasakr

Vice President for Academic Affairs, Princess Nourah bint Abdulrahman University



Dr. Norah Abdulrahman Alyabs

Assistant Professor of Statistics, Vice Dean of the Deanship of Admission and Registratin, Saudi Electronic University



Dr. Fayez Sulaiman Maajeeny

Vice Dean of Admission and Registration, University of Jeddah



Elmbridge University

Formerly BRIDGES GRADUATE SCHOOL

Symposium 3: Elmbridge University

Gifted, Twice Exceptionality and the Theory of Green



Dr. Susan Baum

Chancellor, Elmbridge University



Dr. C. Matthew Fugate

Provost and Chief Academic Officer, Elmbridge University



Dr. Marcy Dann

Faculty, Elmbridge University



Dr. Kim Vargas

Director of Admissions, Recruitment, and Retention, Elmbridge University



Rose Blucher

Director, Educational Services for Boundless Potential

APCG2026 Symposiums



Symposium 4: The World Council for Gifted and Talented Children (WCGTC)

Giftedness in Displacement: Global Insights on Supporting Gifted Migrant and Refugee Learners



Dr. Anies Al-Hroub

President, WCGTC & Professor, American University of Beirut, Lebanon/UK



Prof. Albert Ziegler

Chair Professor, University of Erlangen-Nuremberg, Germany



Dr. Ali-Odat

Associate Professor, Qatar University, Qatar



Dr. Frank C. Worrell

Distinguished Professor, University of California, Berkeley, USA



European Talent Support Network

Symposium 5: European Talent Support Network (ETSN)

Connecting Talent Support Activities in Europe: Insights from ETSN's Development and Regional Strategies



Robert Kelemen

Director, European Talent Centre Croatia



Dr. Mojca Jurisevic

Professor, University of Ljubljana, Slovenia



Dr. Csilla Fuszek

Director, Association of Hungarian Talent Support Organisation



Prof. Colm O'Reilly

President of ECHA, Director of CTYI Ireland & Professor at Dublin City University, CTY Ireland



Dr. Agata Hofman

Managing Director at Creo Gedania

APCG2026 Symposiums



Symposium 6: Arab Council for the Gifted and Talented

The Arab Council for the Gifted and Talented's experience in measuring mental abilities and identifying gifted individuals



Dr. Atef Kanaan

President, Arab Council for the Gifted and Talented, Jordan



Dr. Faiz Al-Saud

Vice President of the Council, Tafila Technical University, Arab Council for the Gifted and Talented, Jordan



Zuhair Hussain Ghunaim

Secretary General of the International Union of Muslim Scouts



Dr. Muawiyah Bani Hamdan

Head of Tests and Measurements, Arab Council for the Gifted and Talented, Jordan



Dr. Mustafa Al-Heilat

Professor of Educational Psychology, Al-Balqa Applied University, Hashemite Kingdom of Jordan



Symposium 7: Salem Bin Mahfouz Foundation

Non-profit in Education: How SBMF Contributes to Enhance Teachers' Role and Students' Skills



Eng. Mamdouh H. Alharbi

CEO, Salem Bin Mahfouz Foundation



Prof. Saad Almasawdi

Director General of Education in Jeddah (2019-2022) Zawayya



Dr. Abdulrahman Hamed Alsulami

Director, Waref



Nader Al-Saggaf (Moderator)

Director of Institutional Communication, Salem Bin Mahfouz Foundation

APCG2026 Symposiums



Symposium 8: World Giftedness Center

Mentoring Across the Stages of Talent Development: From Attraction to Eminence



Dr. Mariam Alghawi

Director, Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences



Prof. Albert Ziegler

Chair of Educational Psychology and Research on Excellence, Friedrich-Alexander-Universität Erlangen-Nürnberg



Dr. Tai Kai Ng

Chair Professor Hong Kong University of Science and Technology, Guangzhou



Prof. Heidrun Stoege

Chair of School Research, School Development, and Evaluation, University of Regensburg



Symposium 9: Organization for Economic Co-operation and Development (OECD)

Creativity assessed by PISA: Insights from the PISA test and PISA Rescoring project



Natalie Foster

Analyst, OECD



Prof. Todd Lubart

Full Professor of Psychology, University Paris Cité, France



Dr. Mojca Juriševič

Professor of Educational Psychology, University of Ljubljana, Slovenia



Qatnah Alshammari

PhD Researcher, King Faisal University, KSA

APCG2026 Symposiums



Symposium 10: European Council for High Ability (ECHA)

Working across Europe to Create Unity in Gifted Education



Prof. Colm O'Reilly

President of ECHA, Director of CTYI Ireland & Professor at Dublin City University, Ireland



Dr. Szilvia Fodor

Vice President ECHA & Professor Psychology Eotvos Lorand University, Hungary



Ioannis Tsorbatzoglou

Vice President Cross Divisional Programs & Professor at Anatolia College, Greece



Marie Mellet

Chief Strategy Officer CTY Ireland & Professor at Dublin City University, Ireland



Symposium 11: Asia-Pacific Federation on Giftedness

Diverse Minds, Diverse Contexts: Equity and Excellence in Asia-Pacific Gifted Education



Prof. Kyungbin Park

President, Asia-Pacific Federation for Giftedness; Professor at Gachon University



Prof. Jae Yup Jung

Vice-President, Asia-Pacific Federation for Giftedness; Professor, School of Education and Director of GERRIC, The University of New South Wales



Dr. Letchmi Devi Ponnusamy

Senior Lecturer in Child Psychology & Human Development, National Institute of Education, Singapore



Dr. Paromita Roy

Deputy Director of Jagadis Bose National Science Talent Search, Kolkata, India



Prof. Manabu Sumida

Professor, Faculty of Education, Ehime University, Japan



Jiyoung Ryu

Director, Gifted Education Policy Center at the Global Institute for Talented Education (GIFTED), Korea Advanced Institute of Science and Technology (KAIST)

APCG2026 Symposiums

Symposium 12: Saudi Universities

Empowering Gifted Students in Higher Education: Insights from Saudi Universities



مؤسسة حمدان بن راشد آل مكتوم
للعلوم الطبية والتربوية
Hamdan Bin Rashid Al Maktoum Foundation
for Medical and Educational Sciences



Symposium 13: Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences

Advancing Gifted Education through Innovation: The Hamdan Model



Dr. Mariam Alghawi
Director, Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences



Dr. Sadiq Ismail
Senior Researcher, Hamdan Bin Rashid Al Maktoum Foundation for Medical and Educational Sciences



Dr. Ahmad Morsy
Expert in Talent Identification,
Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences

APCG2026 Symposiums



وزارة التعليم
Ministry of Education

Symposium 14: Project for Establishing a Regional Center for Giftedness and Creativity

Investing in Giftedness: Upskilling to Meet Market Needs



Dr. Jawaher Hamad Binyousef

Project Manager for Establishing a Regional Center for Giftedness and Creativity, Ministry of Education



Dr. Haya Alhomayani

Supervisor, Administration of Attracting and Nurturing Talent, University of Jeddah



Dr. Adil Alshoaibi

Director of National Research Center for Giftedness and Creativity, King Faisal University



Dr. Abdullah Albelaihy

Supervisor Member of the Project for Establishing a Regional Center for Giftedness and Creativity, Ministry of Education

موهبة
Mawhiba



Symposium 15: MAWHIBA

From Nurturing to Excellence: The Impact of Mawhiba Programs on Cognitive and Practical Development of Gifted Individuals



Dr. Hanaa Almoaibed

Founder and CEO, Wonder Inc; Vice President of Research at the Arab Institute for Women's Leadership



Dr. Mohammed Albawardi

Physician B2B Dallah Health, Strategic Healthcare Partnerships Leader, Mawhiba Alumni



Dr. Yousef Algoos

Forbes 30 under 30, Award-Winning Semiconductor Researcher, Mawhiba Alumni



Dr. Zahra Nasser Almisbaa

Senior Scientist at Saudi Aramco R&D, Misk Fellow, Mawhiba Alumni



Amal Abdulrahman Ahmed

Product Manager & Digital Experience Leader, Mawhiba Alumni

APCG2026 Symposiums



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

Symposium 16: Education & Training Evaluation Commission (ETEC) – National Center for Assessment (Qiyas)

Qiyas' Journey in Identifying and Supporting Gifted Students: An Ongoing Success Story



Dr. Abdullah Ali AlQataee

Chief Executive Officer, National Center for Assessment (Qiyas), ETEC



Dr. Abdullah Saleh Al-Saadawi

Deputy CEO for Testing, National Center for Assessment (Qiyas), ETEC



Dr. Maisaa Taleb Al-Ahmadi

General Manager of Institutional Testing, National Center for Assessment (Qiyas), ETEC



Prof. Elena Grigorenko

International Expert and Advisor, National Center for Assessment (Qiyas), ETEC



Dr. Abdulsalam A. Al-Shogeir

Deputy Executive Director of Operations at National Center for Assessment (Moderator)



Symposium 17: Arabian Gulf University (AGU)

Creative Thinking Tests and the Environment: What Really Affects Divergent Thinking Scores?



Dr. Ahmed M. Abdulla Alabbasi

Vice Dean, College of Education, Administrative and Technical sciences, Arabian Gulf University



Prof. Selcuk Acar

Professor of Educational Psychology, University of North Texas



Dr. Bander Nasser Al-Otaibi

Professor & Moderator, Arabian Gulf University

APCG2026 Symposiums



Symposium 18: Johns Hopkins Center for Talented Youth (CTY)

Cultivating Advanced Learners for the Global Community of Tomorrow: The CTY Approach



Tricia Schellenbach

Senior Director of Strategic Initiatives,
Johns Hopkins Center for Talented Youth



Dr. Amy Lynne Shelton

Executive Director, Johns Hopkins
Center for Talented Youth



Dr. Kimberley L. Chandler

Director of Academics and Student Life,
Johns Hopkins Center for Talented Youth



Symposium 19: Thakaat

Harnessing and Developing Scientists' Ecosystems:
Talents as a Competitive Advantage



Eng. Sami Al Hussayen

Managing Partner, Thakaat



**Dr. Abdulhameed Al
Abduljabar**

Professor of Mechanical
Engineering, King Saud University



Symposium 20: University of Business and Technology Launching the Global Giftedness Index (GGI):

A Systemic Framework for Identifying, Supporting, and Developing
Giftedness Globally



Dr. Said Al-Shaikh

Director, Research and
Consultation Center, University
of Business and Technology



Dr. Basma El-Zein

Director General of UBT-Tech
Valley, University of Business
and Technology



Dr. Yussra Jamjoom

Consultant to President,
University of Business and
Technology

APCG2026 Symposiums



Universität Regensburg

Symposium 21: University of Regensburg

Exploring Talent Development: The Role of Educational and Learning Resources



Prof. Heidrun Stoeger

Professor, University of Regensburg



Prof. Albert Ziegler

Professor, Friedrich-Alexander-Universität
Erlangen-Nürnberg



Dr. Norah Fareed Almulhim

Assistant Professor, King Faisal University,
Saudi Arabia



Lukas Ketscher

PhD Candidate,
Friedrich-Alexander-Universität
Erlangen-Nürnberg

Symposium22: Future Industrialist Initiative



Mohanad Al-Shaikh

Chief Executive Officer, Johnson
Controls Arabia

Workshop Speakers



**Dr. Meshal Saad
Al-Sleemi**

Academic Researcher and Educational Leader
King Faisal University, Saudi Arabia



**Prof. Janchai
Yingprayoon**

Professor
Prince of Songkla University, Suratthani
Campus, Suratthani, Thailand



**Prof. Hoda
Hussein Bibi**

Professor of Education
Lebanese Association for Rehabilitation
and Development (TAAHEEL), Lebanon



Dr. Fahad Ali Almuaili

Specialist in Gifted Education



**Dr. Kimberley
L. Chandler**

Director of Academics and Student Life
Johns Hopkins Center for
Talented Youth



**Eng. Sami
Al Hussayen**

Managing Partner
at Thakaat
Saudi Arabia



**Dr. Riyam Badih
Chaar**

Professor in Educational Leadership
Arkansas State University – Qatar



Abdullah Al-Omari

PhD student in Gifted Education
King Faisal University,
Saudi Arabia



**Prof. Alaa Eldin
Ayoub**

Full Professor of Measurement, Evaluation,
and Statistics
Aswan University, Egypt & Arabian Gulf
University, Bahrain



Dr. Basma El Zein

Director General of Techno-Valley
University of Business and Technology,
Saudi Arabia



Hamed Al-Shehri

Educator and Researcher in
Gifted Education
King Faisal University, Saudi Arabia



Hasan Tahsin Hajar

KPI Training Director
Lebanese Association for Rehabilitation
and Development (TAAHEEL), Lebanon



Dr. Malak Alabdultif

Doctoral Researcher in
Gifted Education
King Faisal University



Dr. Paromita Roy

Deputy Director of Jagadis Bose
National Science Talent Search
JBNSTS, Kolkata, India

APCG2026 Pre-Conference Workshops

Morning Session (9 AM - 12 PM)



Designing Gifted Programs: Principles and Modern Models (Arabic)

Dr. Malak Abdulaziz Alabdultif

Doctoral Researcher in Gifted Education, King Faisal University



Developing Assessment Tools to Evaluate Gifted Programs (Arabic)

Prof. Alaa Eldin Ayoub

Full Professor of Measurement, Evaluation, and Statistics
Aswan University, Egypt & Arabian Gulf University, Bahrain



Enhancing Leadership Among Gifted Students: Strategies and Skills (English)

Dr. Paromita Roy

Deputy Director of Jagadis Bose National Science Talent Search JBNSTS, Kolkata, India



Harnessing AI in Gifted Education: Enhancing Research and Program Design (Arabic)

Eng. Sami Al Hussayen

Managing Partner at Thakaat
Saudi Arabia



Parental Care for Diverse Populations of Gifted Students (Arabic)

Hamed Aziz Hamed Al-Shehri

Educator and Researcher in Gifted Education King Faisal University, Saudi Arabia

APCG2026 Pre-Conference Workshops

Afternoon Session (1 PM - 4 PM)



Methods of Identifying and Supporting Twice-Exceptional Students (Arabic)

Dr. Fahad Ali Almuaili

Specialist in Gifted Education, King Faisal University, Saudi Arabia



Enhancing Creativity in Science Curricula in an Enjoyable Way (English)

Prof. Janchai Yingprayoon

Professor, Prince of Songkla University, Suratthani Campus, Suratthani, Thailand



Curriculum Development in Gifted Education: Supporting the Needs of Advanced Learners (English)

Dr. Kimberley L. Chandler

Director of Academics and Student Life, Johns Hopkins Center for Talented Youth



The Hidden Code of Creativity: Co-Creation between Gifted Learners and Generative AI (Arabic)

Abdullah Al-Omari

PhD student in Gifted Education, King Faisal University, Saudi Arabia



Indicators for Enhancing Innovation in General Education Schools (Arabic)

Meshal Saad Al-Sleemi

Academic Researcher and Educational Leader King Faisal University, Saudi Arabia

APCG2026 Pre-Conference Workshops

Full-day Session (9 AM - 4 PM)

School Enrichment Model (SEM) Professional Development Workshop (Arabic & English)



Prof. Hoda Hussein Bibi

Professor of Education, Lebanese Association for Rehabilitation and Development



Hasan Tahsin Hajar

KPI Training Director, Lebanese Association for Rehabilitation and Development



Dr. Riyam Badih Chaar

Professor in Educational Leadership, Arkansas State University – Qatar



APCG 2026 Conference Program

7-11 Feb 2026

Pre-Conference Workshops

Marketing Conference

About the 19th APCG 2026 Logo

Circular shape indicates continuous need for educational evolution and development.

Palm tree fonds symbolizes tradition and deep cultural heritage.

Green hue symbolizes the conference's connection to Saudi Arabia's national identity, while the blue reflects its strong affiliation with UBT.

Sat, Feb 7th

Pre-Conference Workshop

Sat, Feb 7th

Dr. Malak Abdulaziz Alabdultif

Doctoral Researcher in Gifted Education, King Faisal University

Designing Gifted Programs: Principles and Modern Models

Language: Arabic

Prof. Alaa Eldin Ayoub

Full Professor of Measurement, Evaluation, and Statistics, Aswan University, Egypt & Arabian Gulf University, Bahrain

Developing Assessment Tools to Evaluate Gifted Programs

Language: Arabic

Dr. Paromita Roy

Deputy Director of Jagadis Bose National Science Talent Search JBNSTS, Kolkata, India

Enhancing Leadership Among Gifted Students: Strategies and Skills

Language: English

Eng. Sami Al Hussayen

Managing Partner at Thakaat, Saudi Arabia

Harnessing AI in Gifted Education: Enhancing Research and Program Design

Language: Arabic

Hamed Aziz Hamed Al-Shehri

Educator and Researcher in Gifted Education, King Faisal University, Saudi Arabia

Parental Care for Diverse Populations of Gifted Students

Language: Arabic

Time



9:00 - 12:00

Pre-Conference Workshop

Sat, Feb 7th

Dr. Fahad Ali Almuaili

Specialist in Gifted Education, King Faisal University, Saudi Arabia

Methods of Identifying and Supporting Twice-Exceptional Students

Language: Arabic

Prof. Janchai Yingprayoon

Professor, Prince of Songkla University, Suratthani Campus, Suratthani, Thailand

Enhancing Creativity in Science Curricula in an Enjoyable Way

Language: English

Dr. Kimberley L. Chandler

Director of Academics and Student Life, Johns Hopkins Center for
Talented Youth

Curriculum Development in Gifted Education: Supporting the Needs of Advanced Learners

Language: English

Abdullah Al-Omari

PhD student in Gifted Education, King Faisal University, Saudi Arabia

The Hidden Code of Creativity: Co-Creation between Gifted Learners and Generative AI

Language: Arabic

Meshal Saad Al-Sleemi

Academic Researcher and Educational Leader, Saudi Arabia

Indicators for Enhancing Innovation in General Education Schools

Language: Arabic

Time



13:00 - 16:00

Pre-Conference Workshop

Sat, Feb 7th

Full Day

School Enrichment Model (SEM) Professional Development Workshop

Language: Arabic & English

Time



9:00 - 16:00

Prof. Hoda Hussein Bibi

Professor of Education, Lebanese Association for
Rehabilitation and Development (TAAHEEL), Lebanon

Hasan Tahsin Hajar

KPI Training Director, Lebanese Association for
Rehabilitation and Development (TAAHEEL), Lebanon

Dr. Riyam Badih Chaar

Professor in Educational Leadership, Arkansas State
University – Qatar



APCG 2026

Conference Schedule

About the 19th APCG 2026 Logo

Circular shape indicates continuous need for educational evolution and development.

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التعليم من أجل العمل
Education for Job Opportunities and Employment

Day 1

Sun, Feb 8th

Day 1

Day 2

Day 3

Day 4

Sun, Feb 8th

Time



8:30 - 10:00

Registration
Tea & Coffee Break

Time



10:00 - 11:15

Opening Ceremony

Time



11:20 - 11:50

Keynote: Dr. Rena Subotnik

Research Associate, Academic Talent Development
Program, University of California, Berkeley

Outlier Talents: Contributions of Non-traditional, or Culturally or
Regionally Unique Domains to Our Understanding of Talent
Development

Time



11:55 - 12:25

Keynote: Sir Edward Byrne

President of King Abdullah University of Science and Technology (KAUST), KSA
From Campus to Global Impact: The Strategic Role of Research
Universities in Talent Development

Time



12:30 - 12:50

Keynote: H.H Dr. Faisal Al-Mishari

Consultant at King Abdulaziz & His Companions Foundation for
Giftedness and Creativity (MAWHIBA), KSA

Towards Sustainable Development: Highlights on Current and
Future Mawhiba Initiatives and Programs

Time



13:00 - 14:20

Lunch

Time



14:25 - 15:10

Symposium: King Faisal Prize Laureates

Interviewing Brilliance: Lessons from King Faisal Prize Laureates

Prof. Nader Masmoudi Professor NYU Abu Dhabi King Faisal Prize in
Science 2022 Laureate

Prof. Jackie Yi-Ru Ying Chief Innovation and Research Officer, King Faisal
Specialist Hospital & Research Centre King Faisal Prize in Science
2023 Laureate

Dr. Rena Subotnik
(Conversation Host)

Day 1

Day 2

Day 3

Day 4

Sun, Feb 8th

Time



15:15 - 17:15

Paper Presentations (2 hours)

Symposium: The UNESCO Regional Center for Quality and Excellence in Education (UNESCO RCQE)

From Models to Impact: Quality and Excellence Frameworks to Empower Gifted Education 2050

Dr. Abdul Rahman Almedaies, Director General, UNESCO Regional Center for Quality and Excellence in Education (UNESCO RCQE)

Dr. Fatimah Roais, Deputy Director, UNESCO Regional Center for Quality and Excellence in Education (UNESCO RCQE)

Prof. Dato' Ansary Ahmed, Founding President, Asia e-University (AeU)

Dr. Jin Li, Director of the UNESCO International Centre for Innovation in Online Higher Education

Dr. Najoua Fezzaa Ghriss, Director of the Programs and Projects Department, UNESCO Regional Center for Quality and Excellence in Education (UNESCO RCQE)

Time



15:15 - 16:00

A Panel Discussion: (Qiyas) Academic Acceleration Tests and Their Impact on Supporting Gifted Students.

H.H. Dr. Faisal Al-Mishari, Consultant at King Abdulaziz & His Companions Foundation for Giftedness and Creativity (MAWHIBA), KSA

Dr. Farah Al-Askar, Vice Dean for Academic Affairs. Princess Nourah bint Abdulrahman University, KSA

Dr. Nora Al-Yabis, Assistant Professor, Saudi Electronic University

Dr. Fayez Muajini, Vice Dean of Admission and Registration, University of Jeddah

Time



16:05 - 16:50

Symposium: University of Business and Technology: Launching the Global Giftedness Index

Dr. Said Al-Shaikh, Director, Research and Consultation Center, University of Business and Technology

Dr. Basma El-Zein, Director General of UBT-Tech Valley, University of Business and Technology

Dr. Yussra Jamjoom, Consultant to President, University of Business and Technology

Time



17:00 - 18:00

APFG General Assembly

Time



20:00 - 22:00

Gala Dinner

Day 1

Day 2

Day 3

Day 4

Sun, Feb 8th

APCG2026 Parallel Presentations

Time



15:15 - 16:15

Poster Presentations

No.	Submission ID	Poster Title	Authors	Language
1	214	Meta-Analysis of the Effect of Korean Educational Programs on Critical Thinking in the AI Era	Seungyeop Sim; Ki-Soon Han	English
2	231	From Giftedness to Talent: Examining Diverse Developmental Pathways Using Ten-Year Longitudinal Data	Sunkyoung Kim; Sukun Jin	English
3	232	The PI Class: Combining AI Automated Assessment with Arts-Integrated Pedagogy to Foster Creativity and Reduce Educational Inequity	Sujin Kim; Sukun Jin	English
4	226	Motivational Profiles of High-Achieving Mathematics Students: A Cross-National Latent Profile Analysis Using TIMSS 2019 and 2023	Yunjin Gil; Sukun Jin	English
5	230	Beyond Mathematical Proficiency: Exploring Creative Thinking Among High-Achieving Students in PISA 2022	Hwayoung Jang; Sukun Jin	English
6	177	Teachers' Perceptions of Effective Instructional Strategies for Nurturing Bilingual (Chinese-English) Literacy in Gifted Hong Kong Secondary Students: A Scoping Review (Poster Presentation)	Sze Yin Cheung	English

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Paper Presentations

Session 1: (English)

No.	Submission ID	Paper Title	Authors
1	111	How L1 skills shape L2 anxiety: The mediating influence of language aptitude and achievement	Abdullah Alamer - King Faisal University Richard Sparks - Mount Saint Joseph University
2	268	Revering and cultivating excellence: WGC-Contributions and offerings	Sadiq Ahmed Ismail - Hamdan Bin Rashid Al Maktoum Foundation for Medical and Educational Sciences
3	Mawhiba's (283)	From Data to Action: An AI- Assisted Predictive Model of Factors Influencing Gifted Students Achievements on a Digital Platform	Omar Al-Moammar - Mawhiba
4	154	Mentoring Practices for Gifted Students in the Context of Science and Art Centers in Türkiye: A Qualitative Study Based on the Opinions of Field Experts	Şule Güçyeter - Usak University

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Paper Presentations

Session 2: (English)

No.	Submission ID	Paper Title	Authors
1	163	The Effectiveness of GROWS Training in Developing Gifted Students' Social-Emotional Competence	Nur Eva - State University of Malang Hasan Said Tortop - Association for Young Scientists and Talent Education
2	164	On Relationship between Ballet Dancing and EEG Brainwaves: Preliminary Experiment and Analysis	Apirath Limmanee - King Mongkut's Institute of Technology Ladkrabang Pikunthong Nukthamna - Shinawatra University
3	155	Between Giftedness and Struggle: A Systematic Review of Bullying Among Twice-Exceptional Learners	Nalan R Ayvazoğlu - Muğla Sıtkı Koçman University
4	172	A Prospective Framework for Designing Gifted Programs in Light of the Requirements of Human Capability Development Program in the Saudi Arabia	Fertaj Alzwain - Taif University Hatem Albasis - Homs University Mansour Alsuwailimi - Ministry of Education

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Paper Presentations

Session 3: (Arabic)

No.	Submission ID	Paper Title	Authors
1	45	نحو قيادة مدرسية مبدعة: استكشاف الجدارات القيادية الداعمة لرعاية المواهب في المدارس العُمانية Towards Creative School Leadership: Exploring Leadership Competencies Supporting Talent Nurturing in Omani Schools	Fathi Abunaser - Sultan Qaboos University
2	55	استكشاف بعض تفاعلات العوامل المؤثرة على التطور المهني لل قادة الموهوبين في المجال الاقتصادي Exploring Some Interactions of Factors Affecting the Professional Development of Talented Leaders in the Economic Field	Abdulilah Aldariwish - King Faisal University Abdullah Aljughaiman - King Faisal University Abdulrahman Al-Sayed - King Faisal University
3	81	مدى تضمين مشاريع الأولمبياد الوطني للإبداع العلمي-إبداع - 2024 لأهداف التنمية المستدامة 2030 دراسة تحليلية وصفية The Extent of Incorporating the National Olympiad for Scientific Creativity Projects - Ibdia - 2024 into the 2030 Sustainable Development Goals: An Analytical Descriptive Study	Rabab Al-Ghamdi - Imam Mohammad Ibn Saud Islamic University
4	244	مدى استخدام تطبيقات الذكاء الاصطناعي في تنفيذ البرامج الاثرائية للطلبة الموهوبين وفقاً لرؤى معلمهم The extent of the use of artificial intelligence applications in implementing enrichment programs for gifted students according to the visions of their teachers	Sulaiman Alrasheedi - Ministry of Education Kuwait

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Paper Presentations

Session 4: (Arabic)

No.	Submission ID	Paper Title	Authors
1	240	النظريات الضمنية للذكاء والموهبة كمنبئات بمهارات القيادة والحكمة لدى الشباب الموهوبين بالمنطقة الشرقية Implicit Theories of Intelligence and Talent as Predictors of Leadership Skills and Wisdom among Gifted Youth in the Eastern Region	Hamed Alshehri - Ministry of Education, Eastern Province Abdulhamid Al-Arfaj - King Faisal University
2	114	تقنيات التعلم الالكتروني لدى الطالبات ذوات الموهبة المعاقات بصرياً E-learning Techniques for Visually Impaired Gifted Female Students	Nourah Alkhalifah - King Faisal University Abdulhamid Al-Arfaj - King Faisal University
3	181	توظيف خوارزميات تعلم الآلة لاكتشاف وتحليل سمات الطلبة الموهوبين لتحسين برامج التعلم الفردي Employing Machine Learning Algorithms to Detect and Analyze Characteristics of Gifted Students to Improve Individualized Learning Programs	Abdulrahman Al-Sayed - King Faisal University Abdullah Alomari - King Faisal University
4	276	البحوث العلمية في الجامعات العربية بين الابداع والاتباع Scientific Research in Arab Universities Between Innovation and Imitation	Shamsan Al Manai - University of Bahrain

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Paper Presentations

Session 5: (Arabic)

No.	Submission ID	Paper Title	Authors
1	95	دراسة تحليلية للتوجهات البحثية في مجال ارشاد الموهوبين An Analytical Study of Research Trends in the Field of Guidance for Gifted Students (2018-2023)	Zainab Al Safar - King Faisal University Abdulhamid Al-Arfaj - King Faisal University
2	118	تأثير كيم: أزمة الابداع، وتراجع التفكير التباعدي - دليل جديد من خارج السياق الأمريكي The Kim Effect: The Creativity Crisis and Declines in Divergent Thinking - New Evidence from Outside the American Context	Salaheldin Bakhiet - Arabian Gulf University Bandar Al-Otaibi - Arabian Gulf University
3	250	تصميم أنشطة هادفة بمنحى STEM Designing Meaningful STEM Activities	Nouf Aldossary - Malham Elementary School
4	219	مؤشرات مقترحة لتعزيز الابتكار في مدارس التعليم العام بالمملكة العربية السعودية Proposed Indicators to Enhance Innovation in Public Education Schools in the Kingdom of Saudi Arabia	Meshal Alsleemi - Royal Commission for Jubail Abdullah Aljughaiman - King Faisal University Sarah Al-Fawzan - King Faisal University

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Paper Presentations

Session 6: (Arabic)

No.	Submission ID	Paper Title	Authors
1	192	برنامج (166) لجمعية الإحسان للخدمات الاجتماعية: "التمكين الإثرائي" ترجمة تطبيقية لأنموذج الواحة الإثرائي في رعاية الموهوبين، ودور القطاع غير الربحي في تقديم الدعم التعليمي والتنموي للموهوبين والمتميزين بمدينة بريدة Ehsan Social Services Association: The Role of the Non-Profit Sector in Providing Educational and Developmental Support for Gifted and High-Achieving Students in Buraidah	Fareeh Al-Furaih - Ehsan Social Services Association Majed Al-Malek - Ehsan Social Services Association
2	279	قياس مدى فاعلية توظيف معلمي الفيزياء أدوات الذكاء الاصطناعي في تدريس الطلاب الموهوبين بمدارس منطقة المدينة المنورة An Evaluation of Physics Teachers' Use of Artificial Intelligence Tools in the Instruction of Gifted Students in the Madinah Region	Wail Fakherji - General Directorate of Education Madinah
3	272	الثنائيات الاستثنائية للأشخاص ذوي الإعاقة في جمعية الإرادة Twice Exceptionality: Aleradah Association Case	Mohammed Badghish Aleradah Organization for Talented Persons with Disabilities

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Paper Presentations

Session 1: (English)

No.	Submission ID	Paper Title	Authors
1	136	Revitalizing Local Culture through Gifted Education: Mobile Theater as a Medium for Creativity and Collaboration	Jui-Hsuan Hsu - Keelung Resource Center For The Gifted And Talented Kuan-Ling Lin - Keelung Resource Center For The Gifted And Talented
2	207	Equipping Gifted Learners with Creativity, Communication, and Innovation: Collaborative Pedagogies and RRI for a Technology-Driven Global Economy	Lakshmi Kakumanu - AlBaha University
3	31	Enhancing teacher efficacy around teaching creativity across 'all' curriculum subjects: Insights from Australian and international teachers	Geraldine Townend - University of New South Wales
4	144	Teaching Practice of Mock Trial Oriented towards Leadership Development: A Case Study of Coraline —Promoting Character Building through In-depth Critical Thinking	Hong Pang - Beijing No.8 High School

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Paper Presentations

Session 2: (English)

No.	Submission ID	Paper Title	Authors
1	13	Total Giftedness Development Model: A Model of Educational Experiences for Gifted Students	Adel Batterjee - Waad Holding
2	80	Academic Talent and University Major: A Gap in Choice or an Opportunity for Empowerment?	Mariam Alghawi - Hamdan Bin Rashid Al Maktoum Foundation for Medical and Educational Sciences
3	125	Future-Proofing Gifted Minds: A Proposal for Cultivating Cognitive and Non-Cognitive Skills	Abdulrahman Olwi Madac School
4	201	Developing 5C Skills Via Robotics in Educational Programs	Um Albaneen Jamali - Hajir Primary Girls School Mohammed Ameer - AlNoim Secondary Boys School Fatima Ameer - Al Diraz Intermediate Girls School

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Paper Presentations

Session 3: (English)

No.	Submission ID	Paper Title	Authors
1	99	Building Effective Distance Learning for Gifted Elementary School Students: The Role of Self-Directed Learning Ability	Chia-Shan Jin - Taipei Municipal Lihu Elementary School YuFong Pan - National Taiwan Normal University, Department of Special Education
2	106	Design & Expert Validation of a Standards Aligned Interactive Differentiation Toolkit for Gifted Learner in Mixed Ability Classrooms	Weaam Alharbi - Jazan Administration of Education
3	23	Methods for Detecting Gifted People Using Artificial Intelligence Techniques: A Systematic Review	Samiah Alghamdi - King Faisal University Abdulhamid Al-Arfaj - King Faisal University
4	274	Assessing Generative AI Policies in Japanese Higher Education: Addressing the Needs of Gifted Learners and Advancing Talent Development	Mohammad Galib Hasan Abir Hokkaido University

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Paper Presentations

Session 4: (Arabic)

No.	Submission ID	Paper Title	Authors
1	56	العوامل الشخصية المؤثرة على التطور المهني لدى القادة الموهوبين في المجال الاقتصادي Personal Factors Affecting Professional Development Among Talented Leaders in the Economic Field	Abdulelah Alduraywish - King Faisal University Abdullah Aljughaiman - King Faisal University Abdulrahman Al-Sayed - King Faisal University
2	183	بناء وتقنين مقياس أساليب التنشئة الأسرية للطلبة الموهوبين في سلطنة عُمان حسب إدراك الوالدين Development and Standardization of a Scale for Family Upbringing Methods for Gifted Students in the Sultanate of Oman According to Parental Perception	Salma Al-Abri - Ministry of Education Oman Adawiyya bint Ismail - The National University of Malaysia Fareeza bint Muhammad Shaam - The National University of Malaysia
3	280	نموذج لرعاية الموهوبين مزدوجي الاستثنائية دراسة حالة الطالب فارس آل بن الشيخ ودور المؤسسة التعليمية في التحول من الإقصاء إلى التمكين A Model for Supporting Twice-Exceptional Gifted Students: A Case Study of Student Fares Al Bin Al-Sheikh and the Role of Educational Institutions in the Transition from Exclusion to Empowerment	Khaled Bayoumi - Al Ahsa Model Private Schools
4	188	The Main Principles for Gifted Special Schools	Jwaher Al-Yousef - Regional Center for Giftedness and Creativity, MoE

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Paper Presentations

Session 5: (Arabic)

No.	Submission ID	Paper Title	Authors
1	203	الرعاية الوالدية للطلاب ذوي الموهبة ومزدوجي الاستثنائية وذوي الموهبة من متدنيي التحصيل بالمرحلة الابتدائية Parental Care for Gifted Students, Twice-Exceptional, and Gifted Low-Achieving Students in Elementary School	Hamed Alshehri – Ministry of Education Fahad Alnaim - King Faisal University Abdulhamid Al-Arfaj - King Faisal University
2	251	الشراكة المؤسسية وأثرها في تطوير مشاركة الموهوبين وتعزيز حضورهم في الجوائز الدولية تلمذة مؤسسة عبد المنعم الراشد الإنسانية - أنموذج Institutional Partnerships and Gifted Students' Global Participation: The Abdulmonem Alrashed Humanitarian Foundation Model	Nayef Al-Zamami - Al-Ahsa Governorate Education Department
3	216	إدارة برامج الموهوبين ورعايتهم في المملكة العربية السعودية والعالم (دراسة مسحية تحليلية) Management of Gifted Programs in the Kingdom of Saudi Arabia and the World: An Analytical Study	Meshal Alsleemi - Royal Commission for Jubail

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Paper Presentations

Session 6: (Arabic)

No.	Submission ID	Paper Title	Authors
1	277	إطار تعليمي لتمكين الطلبة الموهوبين عبر التفكير الإبداعي والناقد والتعلم المتميز An Educational Framework for Empowering Gifted Students through Creative and Critical Thinking and Differentiated Learning	Abdullah Al-Najimi - Ministry of Education
2	227	الروبوتات الحيوية كمدخل مقترح في تصميم برامج إثرائية لتطوير التكنولوجيا والهندسة ودعم مهارات القرن الحادي والعشرين Biorobots as a Proposed Approach in Designing Enrichment Programs for Developing Technology, Engineering, and Supporting 21st Century Skills	Samia Al-Ghamdi - Ministry of Education
3	269	فاعلية معلمي الموهوبين للتعامل مع الطالب روي الخصوصية المزدوجة في ضوء معايير التربية الخاصة الدولية The Effectiveness of Teachers in Gifted Schools and Classrooms in managing Students with Dual Exceptionalities in Light of International Special Education Standards	Mahmoud Al-Asiri - Tuwaiq Academy Mona Al-Ghamdi
4	247	درجة تطبيق استراتيجيات إدارة المواهب القيادية في مركز صباح الأحمد للموهبة والإبداع بدولة الكويت من وجهة نظر المعلمين والمعلمات The Degree of Implementation of Leadership Talent Management Strategies at the Sabah Al-Ahmad Center for Giftedness and Creativity in the State of Kuwait from the Perspectives of Male and Female Teachers	Fahad Al-Rashidi - Ministry of Education, Kuwait

APCG 2026

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 8:30 - 9:00**Keynote: Prof. Elena Grigorenko**

Professor of Psychology, University of Houston, USA

Unmasking Hidden Potential: Future Directions in Twice-Exceptional Education


Time

 9:05 - 9:35**Keynote: Prof. Heidrun Stoeger**

Chair Professor for School Research, School Development and Evaluation, University of Regensburg, Germany

A Role of Motivation, Skill Acquisition, and Creativity in Developing Talent Towards Excellence and Innovation: A Resource-Oriented Model Based on Empirical Evidence

Time

 9:40 - 10:25**Symposium: The World Council for Gifted and Talented Children (WCGTC)****Giftedness in Displacement: Global Insights on Supporting Gifted Migrant and Refugee Learners**


Prof. Anies Al-Hroub, President, The World Council for Gifted and Talented Children (WCGTC)

Prof. Albert Ziegler, Chair Professor, University of Erlangen-Nuremberg, Germany

Dr. Frank C. Worrell, Distinguished Professor, University of California, Berkeley, USA


Dr. Ali Alodat, Associate Professor, Qatar University

Time

 10:25 - 10:45

Tea & Coffee Break

Time

 10:45 - 11:30**Symposium: European Talent Support Network (ETSN)****Connecting Talent Support Activities in Europe: Insights from European Talent Support Network (ETSN) Development and Regional Strategies**

Dr. Csilla Fuszek, Director, Association of Hungarian Talent Support Organisation

Dr. Mojca Jurisevic, Professor, University of Ljubljana, Slovenia

Robert Kelemen, Director, European Talent Centre Croatia

Prof. Colm O'Reilly, President of ECHA, Director of CTY Ireland & Professor at Dublin City University


Dr. Agata Hofman, Managing Director at Creo Gedania

Time

 11:35 - 13:35

Paper Presentations (2 hours)

Time

 11:35 - 12:20**Symposium: Arab Council for the Gifted and Talented (Arabic)****The Arab Council for the Gifted and Talented: Experience in Measuring Mental Abilities in Identifying Gifted Individuals**

Dr. Atef Kanaan, President, Arab Council for the Gifted and Talented

Dr. Faiz Al-Saudi, Vice President, Arab Council for the Gifted and Talented; Tafila Technical University

Dr. Mustafa Al-Heilat, Professor of Educational Psychology, Al-Balqa Applied University, Jordan

Dr. Muawiyah Bani Hamdan, Head of Tests and Measurements, Arab Council for the Gifted and Talented

Dr. Zuhair Hussain Ghunaim, Secretary General of International Union of Muslim Scouts

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12:25 - 13:10

Symposium: Non-Profit in Education: Salem Bin Mahfouz

Foundation Contributes to Enhancing Teachers' Role and Students' Skills

Eng. Mamdouh H. Alharbi, CEO, Salem Bin Mahfouz Foundation

Prof. Saad Almasawdi, Director General of Education in Jeddah (2019-2022) Zawaya

Dr. Abdulrahman Alsulami, Director, Waref

Nader Al-Saggaf, (Moderator) Director of Institutional Communication, Salem Bin Mahfouz Foundation

Time

13:30 - 14:45

Lunch

Time

14:45 - 15:15

Keynote: Prof. Sung-II Kim

Professor of Education & Director of Brain & Motivation Research Institute (bMRI), Korea University

Redesigning Learning for Agentic Minds

Time

15:20 - 15:50

Keynote: Prof. Jae Yup Jung

Professor at the School of Education, University of New South Wales, Australia

Elite Mathematicians: How They Are Identified and Developed

Time

15:55 - 16:40

Symposium: World Giftedness Center (WGC):

Mentoring Across the Stages of Talent Development: From Attraction to Eminence

Dr. Mariam Alghawi, Director, Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences

Prof. Albert Ziegler, Chair Professor, University of Erlangen-Nuremberg, Germany

Dr. Tai Kai Ng, Chair Professor, Hong Kong University of Science and Technology (Guangzhou)

Prof. Heidrun Stoeger, Chair Professor for School Research, School Development and Evaluation, University of Regensburg, Germany

Time

16:45 - 17:30

Symposium: Creativity Assessed by PISA:

Insights from the PISA Test and PISA Rescoring Project

Natalie Foster, Analyst, OECD

Prof. Todd Lubart, University Paris Cité, France

Dr. Mojca Juriševič, Professor of Educational Psychology, University of Ljubljana, Slovenia

Qatnah Alshammari, PhD Researcher, King Faisal University

Time

17:00

2024-2026 APFG Delegates Meeting

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Al Balad Trip

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APCG2026 Parallel Presentations

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Poster Presentations

No.	Submission ID	Poster Title	Authors	Language
1	43	The Role of Electronic Educational Platforms in the Professional Development of Gifted Education eachers from Their Perspectives	Samiah Alghamdi, Norah AL-Dossary, Malfi Al-Rasheedy	English
2	44	Global Trends in Research on Giftedness in Mathematics: A Systematic Review	Samiah Alghamdi, Qatnah Al-Shammari, Abdulhamid Alarfaj	English
3	75	Designing An Adaptive Environment Based On Artificial Intelligence Applications To Develop The Gifted Stud ents' Digital Skills: A Proposed Perception In Light Of Reality And Needs	Albandari Alotaibi, Eman Altaher, Abdulelah Alduraywish, Saad Alkaddadat, Abdulhamid Alarfaj	English
4	76	A Proposed Framework for Identifying Different Categories of Gifted Students in the Kingdom of Saudi Arabia in Light of the Experiences of the United States, Australia, and Singapore	Eman Altaher, Albandari Alotaibi	English
5	148	AI Educational Support Models in Asia-Pacific: Applications for Gifted Education	Jiseon Kim, Jiyoung Ryu, Kyungbin Park	English
6	145	Dual-Career Experiences and Career Decision-Making in Student-Athletes	Yuen-Ting Choy, Xiwen Cui, Man-Tak Yuen	English

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Paper Presentations

Session 1: (English)

No.	Submission ID	Paper Title	Authors
1	152	Equity in Gifted Education through Tailored Mentoring: Evidence from Elementary and Secondary Teachers in Korea	Seongsil Gim - Korea Advanced Institute of Science & Technology Jiseon Kim - Korea Advanced Institute of Science & Technology Jiyoung Ryu - Korea Advanced Institute of Science & Technology
2	3	The Effectiveness of Flexible Thinking and its Relationship to Learning English Language among University Gifted Students	Norah Aldossary - King Faisal University
3	33	Advancing Sustainability and STEM Competencies: Insights from a Saudi Summer Program for Gifted High School Students	Jawaher A. Alsultan - Imam Abdulrahman bin Faisal University

Time



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Paper Presentations

Session 2: (English)

No.	Submission ID	Paper Title	Authors
1	235	International Science Games: A Case Study in International Scientific Collaboration and Convergence for the Development of a Sustainable Research Community of Gifted School Students	Vladimir Egorov - Trust Fund of Future Generations in the Republic of Sakha (Yakutia) Vasiliy Pavlov - Sasha Science Academy
2	242	Factors Influencing Gifted Female High School Students' Choice of Engineering as a University Major	Eman Aljoughiman - Ministry of Education: Al-Ahsa Education Department
3	275	Designing Learning Environments for Gifted Students: Architectural Considerations, Technology Integration, and Inclusive Futures	Samah Elkhateeb - University of Business and Technology Gehad Habib - Smart and future cities lab, Ain Shams University Rana Elshafie - Smart and future cities lab, Ain Shams University Hassan Moustafa - Smart and future cities lab, Ain Shams University
4	236	Transforming School Culture through Student Voices: A Social Model Approach to Supporting the Strengths and Challenges of Twice-Exceptional Students	Shun Ito - Kyoto University of Education Eita Suzuki - Kyoto University of Education Shunichi Sato - Kyoto University of Education Hiromi Kotani - Kyoto University of Education Masashi Kikui - Kyoto University of Education Yosuke Shimizu - Kyoto University of Education

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Paper Presentations

Session 3: (English)

No.	Submission ID	Paper Title	Authors
1	Mawhiba's (284)	Evaluating the Effectiveness of Professional Development Programs Provided by Mawhiba for Teachers of Mawhiba Classes on Their Teaching Practices and Student Development	Bandar Al-Mutairi - Umm Al-Qura University Hisham Hussein - King Saud University Walid Behan - King Saud University
2	41	Skills of Gifted Entrepreneurs and the Challenges They Encounter	Albandari Alotaibi - King Faisal University Eman Altaher - King Faisal University Abdulhamid Alarfaj - King Faisal University
3	108	Bridging Ability and Disability: Career Adaptation of a Twice-Exceptional Adult	Chun-Kai Huang - University of Taipei Chu-Ting Ko - University of Taipei Shu-Min Wu - University of Taipei Jui-Lung Yen - Taipei City West District Special Education Resource Center
4	137	Unlocking the Potential of Twice-Exceptional Learners: Revealing What Is Hidden Through Inclusion	Basmah Binshihon - Reach Inclusion

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Paper Presentations

Session 4: (English)

No.	Submission ID	Paper Title	Authors
1	151	The Influence of Latent Profiles of Maternal Parenting styles and Teacher-Student Relationships on Gifted Students' Academic Achievement: The Mediating Role of Academic Self-Regulation	Li Cheng - Beijing Normal University Xiao Linjie - Beijing Normal University
2	182	A Proposed Model and Framework for Developing a Curriculum for the Gifted in the Philippines	Greg Pawilen - University of the Philippines Los Banos
3	278	An Integrated Model for Managing Gifted Education Programs in Educational Regions: The Asir Education Experience in the National Olympiad for Scientific Creativity (Ibdaa 2026)	Abeer Al-Omari - Asir Education Administration

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Paper Presentations

Session 5: (English)

No.	Submission ID	Paper Title	Authors
1	229	Artificial Intelligence in Service Excellence: An AI-Driven Training Model for Elaf Group's Talent Development and Succession Planning	Alaa Mulla - University of Business and Technology
2	47	Early Childhood Gifted Education: Structured Review Based on Bibliometric Analysis and TCCM	Feyzullah Sahin - Duzce University
3	57	Bridging Research and Practice: Differentiation for Gifted Learners in Future-Focused Curriculum Design	Michelle Lucas - University of New South Wales Helen Baber - Bright and Beyond
4	178	Cultivating Scientific Thinking in Gifted Children Using a Model-Building Method: A Case Study of the Teaching Design for "Molecular Tools for Recombinant DNA Technology"	Xintong Zhang - Beijing No. 8 High School

Time



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Paper Presentations

Session 6: (English)

No.	Submission ID	Paper Title	Authors
1	205	Curricula Differentiation for Gifted Learners Using Technology and Challenges of Application from the Perspective of Teachers of Gifted Students	Amal Alghamdi – King Faisal University
2	67	Where are Gifted Preschoolers? A Follow-Up Study after Twenty Years	Chien-Hong Yu - Taipei Municipal Shi-Dong Elementary School Chin-Chih Kuo - National Taiwan Normal University
3	77	The Reality of Gifted Class Teachers' Use of Differentiated Instruction Strategies and the Challenges They Face	Eman Altaher - King Faisal University Albandari Alotaibi - King Faisal University Sumaihan Alrashidi - King Faisal University
4	141	When Assessments Overlook Giftedness: 2e Learners Hiding in Plain Sight	Marcy Dann - Elmbridge University

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Paper Presentations

Session 7: (English)

No.	Submission ID	Paper Title	Authors
1	238	Navigating Neurodiverse Lives: Twice-Exceptional Women's Stories of Growth and Empowerment	Kimberly Vargas - Elmbridge University
2	257	Supercharging Success: The Impact of Accelerated Learning with Therapies on a 2E Child	Ilyah Abd Aziz - Swinburne University of Technology
3	9	Prevalence of Twice Exceptional Students: Systematic Review	Norah Almulhim - King Faisal University Abdullah Aljughaiman - King Faisal University Abdulhamid Alarfaj - King Faisal University Abdulrahman Alsayed - King Faisal University Fahd Alnaim - King Faisal University Sarah Alfawzan - King Faisal University

Time



12:35 - 13:35

Paper Presentations

Session 1: (English)

No.	Submission ID	Paper Title	Authors
1	109	Gifted but Forgotten: A Retrospective Longitudinal Case Study of a Saudi Woman's Gifted Identity from School to Adulthood	Ranna Alshehri
2	8	The Effectiveness of Parents' Nomination for their Gifted Children at Primary Schools in Light of Gender Differences: A Mixed Study	Norah Aldossary - King Faisal University Al-Bandary Al-Hassan - King Faisal University Zainab Alsafar - King Faisal University Abdulhamid Alarfaj - King Faisal University
3	30	Exploring Environmental Influences on the Special Interests of Autistic Adolescents: From Their Own Perspectives	Saleh Aba-Alkhayl - Imam Mohammad Ibn Saud Islamic University (IMSIU) Abdulmalik Alkhunini - Imam Mohammad Ibn Saud Islamic University (IMSIU)
4	105	The Support and Challenges in a School-based Gifted Program: A Retrospective and Reflective Study of a Graduated Mathematically Gifted Middle School Student	Shi Han Hong - New Taipei Municipal Xiufeng High School

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12:35 - 13:35

Paper Presentations

Session 2: (English)

No.	Submission ID	Paper Title	Authors
1	104	Evaluating the creative productivity of university students in the Kingdom of Saudi Arabia in light of the theory of self-determination	Sarah Alsulami - King Faisal University
2	153	An Action Research on Integrating the Design Thinking Inquiry Method into Independent Research Courses in Gifted Education	Chun-Li Hsu - Xingnan Elementary School, New Taipei City Yu-Fong Pan - National Taiwan Normal University
3	150	After-School English activities Aimed at Individual Growth within Diversity	Junko Nakamura - Shikino High School
4	264	The Effectiveness of Project-Based Learning in Developing Practical Thinking among Gifted Students	Reem Alqahtani - King Faisal University

Time



12:35 - 13:35

Paper Presentations

Session 3: (English)

No.	Submission ID	Paper Title	Authors
1	24	The Effectiveness of a STEM-Based Enrichment Program in Developing Leadership Skills of Gifted Kindergarten Children	Noura Al-Suwayi - King Faisal University Sumaihan Al-Rashidi - King Faisal University Abdulhamid Alarfaj - King Faisal University
2	26	Measuring Leadership Potential in Gifted Learners: Innovative HR Assessments	Megren Altassan - University of Business and Technology
3	62	Constructing Leadership Self-Efficacy among Gifted Adolescents: A Thematic Analysis of Junior and Senior-High Students' Challenges and Supports	Hung-Lun Pan - Xiulang Elementary School Ching-Chih Kuo - National Taiwan Normal University
4	185	Long-Term Effects of Early Online Learning : A 9 Year Follow-Up on Career and Personal Growth	Jiyoung Ryu - Korea Advanced Institute of Science & Technology Jiseon Kim - Korea Advanced Institute of Science & Technology

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Paper Presentations

Session 4: (English)

No.	Submission ID	Paper Title	Authors
1	173	Unpacking Bundled Accommodations: Literacy Outcomes for Gifted Secondary Learners	Pei Lin - University of Saskatchewan
2	187	Envisioning 2050: Framework for Gifted Education in India	Malati Kalmadi - Kaveri Gifted Education and Research Center Devasena Desai - Kaveri Counselling, Empowerment and Gifted Center Kasturi Hapse - Kaveri Gifted Education and Research Center
3	42	Teachers' Practices of Interdisciplinary Teaching for Gifted Students	Eman Altaher - King Faisal University Albandari Alotaibi - King Faisal University Abdulhamid Alarfaj - King Faisal University
4	54	The Psychological Adjustment Experience of Canadian Gifted Students in Participating Accelerated Education	Hsin-Yi Wang - Taipei municipal Beitou Elementary School Ching-Chih Kuo - National Taiwan Normal University

Time



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Paper Presentations

Session 5: (English)

No.	Submission ID	Paper Title	Authors
1	21	AI-Driven Strategic HRM: Integrating Giftedness Frameworks in a Vision 2050 Roadmap for Future-Ready Talent	Ahmed Asfahani - University of Business and Technology
2	34	Exploring Future Talent Programs Through Artificial Intelligence Integration Toward 2050	Saif Alneyadi - Alain University
3	37	A Study on Industry-Academia-Government Cooperation Models for fostering AI Talent and Policy Implications in Korea	Kwang Surk Jung - Korean Educational Development Institute
4	14	Relative Environmental Contribution to Fluid Intelligence and Crystallized Intelligence in a Twins' Sample in Saudi Arabia	Abdulhamid Alarfaj - King Faisal University Refah Aljohar - King Faisal University Fahad Almuaili - King Faisal University Abdulrahman Alsayed - King Faisal University

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Paper Presentations

Session 6: (English)

No.	Submission ID	Paper Title	Authors
1	162	Personal Factors Supporting High Achievers in the Chemical Sciences	Asma alomari - King Faisal University Sumaihan Alrashidi - King Faisal University Atef Bahrawi - King Faisal University
2	19	Mentoring programs for gifted students: Practices, perceptions, and a proposed model	Maryam Alyousef - Curtin University Cindy Smith - Curtin University Meg Gerry - Curtin University
3	25	Navigating the Complex Journey toward Professional Excellence in Distinguished Surgeons	Malak Alabdullatif - King Faisal University Abdullah Aljughaiman - King Faisal University Sarah Al Fawzan - King Faisal University
4	110	Talent Development and School Supports for Gifted Students With Autism Spectrum Disorder (ASD)	Yinghsiu Wang - National Taiwan Normal University Hung-Lun Pan - National Taiwan Normal University

Time



12:35 - 13:35

Paper Presentations

Session 7: (English)

No.	Submission ID	Paper Title	Authors
1	83	Applying Unconventional Analogies in Instructional Activities to Foster Creative Thinking	Kao Chen-Yao - National University of Tainan
2	53	Identification and nurturing students with twice-exceptionality	Ching-Chih Kuo - National Taiwan Normal University Yen-Wei Chen - Chung Yuan Christian University
3	29	Gifted and Autism: Saudi Teachers' Experiences Supporting Twice-Exceptional Learners	Abdulmalik Alkhunini - Imam Mohammad Ibn Saud Islamic University Saleh Abaalkhayl - Imam Mohammad Ibn Saud Islamic University
4	86	Factors affecting talent development among innovators; From the point of view of the innovators	Rudaynah Alfadhli - King Faisal University Ahlam Alnaim - King Faisal University Malak Alabdulatif - King Faisal University Khuloud Alhuzaim - King Faisal University Abdulhamid Alarfaj - King Faisal University

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Paper Presentations

Session 8: (English)

No.	Submission ID	Paper Title	Authors
1	196	Making the Invisible Visible in Differentiation in Japanese Schools	Manabu Sumida - Ehime University
2	128	Before AI, Teach the A.I., Aptitudes of Innovators: How to Transform Today's Classrooms for Tomorrow's Innovators	Jeanne Paynter - Educating Innovators
3	273	Fast Forward to 2050: Environment-Centered STEAM & Architecture as Engines of Talent Discovery at Takween	Batool Abedi - Takween Zainab Alireza - Takween
4	221	Interactive Visualization of Gifted Individuals Across Various Fields	Abdullah Albelaihy - Regional Centre for Giftedness and Creativity, Ministry of Education

APCG 2026

Conference Schedule

About the 19th APCG 2026 Logo

Circular shape indicates continuous need for educational evolution and development

Palm tree fonds symbolizes tradition and deep cultural heritage.

Green hue symbolizes the conference's connection to Saudi Arabia's national identity, while the blue reflects its strong affiliation with UBT.

Day 3

Tues, Feb 10th

Day 1


Day 2

Day 3

Day 4

Tues, Feb 10th

Time

 8:30 - 9:00**Keynote: Dr. Lucie Cerna**

Senior Analyst Equity, Inclusion & Transitions Directorate of Education & Skills, OECD
Systemic Excellence: What 30 Years of Global Education Data Tells Us About
Unlocking Human Potential


Time

 9:05 - 9:35**Keynote: Prof. Janchai Yingprayoon**

Prince of Songkla University, Faculty of Science and Industrial Technology, Consultant
for Teaching and Research, Thailand

Thinking Like Einstein: Strategies for Developing Gifted Learners in Science
and Beyond

Time

 9:40 - 10:25**Symposium: The European Council for High Ability (ECHA):
Working Across Europe to Create Unity in Gifted Education**


Prof. Colm O'Reilly, President of ECHA, Director of CTY Ireland & Professor at Dublin
City University

Dr. Szilvia Fodor, Vice President ECHA & Professor Psychology Eotvos Lorand
University, Hungary

Ioannis Tsorbatzoglou, Vice President Cross Divisional Programs & Professor at Anatolia
College, Greece


Marie Mellett, Chief Strategy Officer CTY Ireland & Professor at Dublin City University

Time

 10:25 - 10:45

Tea & Coffee Break

Time

 10:45 - 11:30**Symposium: Asia-Pacific Federation on Giftedness:
Diverse Minds, Diverse Contexts: Equity and Excellence in Asia-Pacific
Gifted Education**

Prof. Kyungbin Park, President, Asia-Pacific Federation for Giftedness; Professor at
Gachon University

Prof. Jae Yup Jung, Vice-President, Asia-Pacific Federation for Giftedness; Professor, School
of Education and Director of GERRIC, The University of New South Wales

Dr. Letchmi Devi Ponnusamy, Senior Lecturer in Child Psychology & Human Development,
National Institute of Education, Singapore

Dr. Paromita Roy, Depirector of Jagadis Bose National Science Talent Search, Kolkata, India

Prof. Manabu Sumida, Professor, Faculty of Education, Ehime University, Japan


Jiyoung Ryu, Director, Gifted Education Policy Center at the Global Institute for Talented
Education (GIFTED), Korea Advanced Institute of Science and Technology (KAIST)

Time

 11:35 - 13:35

Paper Presentations (2 hours)

Time

 11:35 - 12:20**Symposium: Saudi Universities and Giftedness:
Empowering Gifted Students in Higher Education – A Case Study**

University of Business and Technology

King Abdulaziz University

Effat University

Dar-Al Hekma University

Jeddah University

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Tues, Feb 10th

Symposium: Advancing Gifted Education through Innovation: The Hamdan Model

Dr. Mariam Alghawi, Director, Hamdan bin Rashid Al Makhtoum Foundation for Medical and Educational Sciences

Dr. Sadiq Ismail, Senior Researcher, Hamdan bin Rashid Al Makhtoum Foundation for Medical and Educational Sciences

Dr. Ahmad Morsy, Expert in Talent Identification, Hamdan bin Rashid Al Makhtoum Foundation for Medical and Educational Sciences

Time

12:25 - 13:10

Symposium: Investing in Giftedness: Upskilling to Meet Market Needs

Dr. Jawaher Hamad Binyousef, Project Manager for Establishing a Regional Center for Giftedness and Creativity, Ministry of Education

Dr. Haya Alhomayani, Supervisor, Administration of Attracting and Nurturing Talent, University of Jeddah

Dr. Adil Alshoaibi, Director of National Research Center for Giftedness and Creativity, King Faisal University

Dr. Abdullah Albelaihy, Supervisor Member of the Project for Establishing a Regional Center for Giftedness and Creativity, Ministry of Education

Time

13:30 - 14:45 Lunch

Time

14:45 - 15:15

Keynote: Prof. Ching-Chih Kuo

Professor at National Taiwan Normal University, Taipei, Taiwan

Beyond IQ: Adapted Education for Gifted Students with Unique Emotional and Learning Needs

Time

15:20 - 15:50

Keynote: Prof. Todd Lubart

Professor of Psychology, University de Paris, Paris, France

Fostering Creativity: The Key to Future-Ready Gifted Education

Time

15:55 - 16:40

Symposium: From Nurturing to Excellence: The Impact of Mawhiba Programs on Cognitive and Practical Development of Gifted Individuals

Dr. Hanaa Almoaibed, Founder and CEO, Wonder Inc; Vice President of Research at the Arab Institute for Women's Leadership

Dr. Mohammed Albawardi, Physician B2B Dallah Health, Strategic Healthcare Partnerships Leader, Mawhiba Alumni

Dr. Yousef Algoos, Forbes 30 under 30, Award-Winning Semiconductor Researcher, Mawhiba Alumni

Dr. Zahra Nasser Almisbaa, Senior Scientist at Saudi Aramco R&D, Misk Fellow, Mawhiba Alumni

Amal Abdulrahman Ahmed, Product Manager & Digital Experience Leader, Mawhiba Alumni

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Tues, Feb 10th

Time



16:45 - 17:30

**Symposium: Qiyas' Journey in Identifying and Supporting Gifted Students:
An Ongoing Success Story**

Dr. Abdullah Ali AlQataee, Chief Executive Officer, National Center for Assessment (Qiyas), Education & Training Evaluation Commission

Dr. Abdullah Al-Saadawi, Deputy CEO for Testing, National Center for Assessment (Qiyas), Education & Training Evaluation Commission

Dr. Maisaa Al-Ahmadi, General Manager of Institutional Testing, National Center for Assessment (Qiyas), Education & Training Evaluation Commission

Prof. Elena Grigorenkov, Professor of Psychology, University of Houston, USA

Time



17:00 - 18:00

**Global Coordination Meeting of Giftedness Councils
and Associations**

Time



16:00 - 22:00

Desert Safari

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Tues, Feb 10th

Time



11:35 - 12:35

Paper Presentations

Session 1: (English)

No.	Submission ID	Paper Title	Authors
1	11	Evolution of Creative Behavior in Writing Talent in Light of Intrinsic Factors, Social Equity and Environmental Variables	Fatema Halool - Teachers Association, UAE
2	39	Stages of Talent Development in the Field of Creative Writing among Writers of Stories and Novels: The Influence of Chronological Age, Internal Factors, and Environmental Factors	Refah Aljohar - King Faisal University Abdulhamid Alarfaj - King Faisal University
3	46	Creative Achievement Questionnaire Adapted to Turkish Culture: A Study on Gifted Students	Sevinc Ayra - Sakarya Vakifkent Toki Primary School Feyzullah Sahin - Duzce University
4	112	Beyond the Intellect: Examining Research Gaps and Developmental Needs of the Exceptionally Gifted	Letchmi Ponnusamy - National Institute of Education Thana Thaver - National Institute of Education Shu Shing Lee - National Institute of Education Liyana bte Safii - National Institute of Education

Time



11:35 - 12:35

Paper Presentations

Session 2: (English)

No.	Submission ID	Paper Title	Authors
1	51	Integration of CLIL Teaching Model and Bilingual Elements in Inquiry-Based Learning for Gifted Students	Ching-Peng Kuo - Taipei Municipal Lanya Junior High School Jenpin Hsu - Keelung Municipal Ming Der Junior High School
2	52	From Assistance to Co-Creation: The Impact of AI-Integrated Composition Instruction on Writing Performance, Critical Thinking, and Competition Achievement in Secondary Education	Jen-Hsing Peng - Yongzhen Elementary School Chih-Piao Peng - Zhunan Elementary School
3	224	Towards a Sustainable Hospitality Future A Proposed Model for Nurturing Professional Talent from Childhood to Specialized High School Education: The Case of Saudi Arabia	Alaa Mulla - University of Business and Technology
4	107	The Creativity Code: Mapping the Conceptual Linkage between Personality and Creativity among Creative Individuals—A Scoping Review	Malak Alabdullatif - King Faisal University Abdullah Aljughaiman - King Faisal University Sarah Al Fawzan - King Faisal University

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Tues, Feb 10th

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11:35 - 12:35

Paper Presentations

Session 3: (English)

No.	Submission ID	Paper Title	Authors
1	116	Global Innovators: The Role of Ecosystems in Unlocking Talent	Abdulhamid Al-Abduljabbar - King Saud University Sami AlHussayen - Thakaat
2	127	How High Achievers Experience STEM Classrooms: A Study of Situations Perceived in Learning Environments	Lukas Ketscher - FAU Erlangen-Nürnberg Heidrun Stoeger - University of Regensburg Albert Ziegler - FAU Erlangen-Nürnberg
3	135	Extending Gifted Education to Non-Metropolitan Schools: The Implementation and Impact of Taiwan's Itinerant Support System	YuHsin Huang - Keelung Resource For The Gifted And Talented Ya-Lin Hsieh - Department of Education Keelung City Government
4	38	Future Thinking Among Gifted Students Using a Multidimensional Approach: A Mixed-Methods Study	Samiah Alghamdi - King Faisal University Abdulhamid Alarfaj - King Faisal University

Time



11:35 - 12:35

Paper Presentations

Session 4: (English)

No.	Submission ID	Paper Title	Authors
1	85	Challenges Faced by the Private Sector in Supporting Talent Development: Perspectives of Leaders and Gifted Employees	Rudaynah Alfadhli - King Faisal University Abdullah Aljughaiman - King Faisal University Sarah Al Fawzan - King Faisal University
2	239	Gifted Leadership in the Workplace: A Literature Review and Future Directions	Liela Jamjoom - University of Business and Technology Alaa Lary - University of Business and Technology Farhanah Adam Malik - University of Business and Technology
3	179	Self-Regulated Learning of Gifted Junior High Student with Programming	Ann Wu - National Taipei University of Education Thomas Wu - Dong An Junior High School, Taiwan
4	211	The Impact of Creativity and Self-Efficacy on the Well-Being of Gifted Students in Hong Kong: A Moderation Analysis	Anna Hui - City University of Hong Kong Alan Cheung - The Chinese University of Hong Kong Daniel Shek - The Hong Kong Polytechnic University William Leung - City University of Hong Kong

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Paper Presentations

Session 5: (English)

No.	Submission ID	Paper Title	Authors
1	157	High School Teachers' Perceptions of An Indigenized Science, Technology, and Society-Inspired Curriculum Framework for Gifted Students in the Philippines	Antonnette Pawilen - Ehime University Manabu Sumida - Ehime University
2	222	Shadow Education and Giftedness: Understanding the Perspectives of Students and the Education System from Pune, India	Madhuri Chittewan - Dr. Kalmadi Shamarao High School Prajakta Pujari Kasturi Hapse - Kaveri Gifted Education and Research Center Devasena Desai - Kaveri Counselling, Empowerment and Gifted Center
3	197	The Impact of Creative Classroom Environment Intervention on Creativity Development in Gifted and Non-gifted Students: A Network Analysis	Yilin Wu - Beijing Normal University Hailong Liu - Beijing Normal University Zhaoqian Sun - Experimental High School, Beijing Normal University Tao Zhang - Experimental High School, Beijing Normal University Li Cheng - Beijing Normal University
4	134	Differentiated Instruction and Classroom Quality in Gifted and Non-Gifted Classes of Private and Public Schools in Saudi Arabia	Qamrah Alsubaie - King Saud University

Time



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Paper Presentations

Session 6: (English)

No.	Submission ID	Paper Title	Authors
1	202	Tertiary-Education Partnerships in Secondary Gifted Education	Tze Cheng - ELCHK Lutheran Academy
2	204	The Role of the School Principal in Gifted Care Programs in Public Schools in Al-Ahsa Governorate	Rahma Alwadani - King Faisal University Norah Almulhim - King Faisal University
3	206	Personalized Learning Strategies A Comparative Study Between Gifted and Non-Gifted Students	Maram Miralam - University of Business and Technology
4	120	The Path of the Blue Whale: Local Culture Translation and Creative Teaching Practice—An Interdisciplinary Curriculum Design Case Based on The Nanfeng City Washing Canal Chronicles	Ting-Ting Chang - Jaunan Elementary School Chih-Piao Peng - Zhunan Elementary School Jen-Hsing Peng - Yongzhen Elementary School Yuan-Chuan Cheng - National Tsing Hua University Fu-Yuan Chiu - National Tsing Hua University Chuan-Chung Hsieh - National Tsing Hua University

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Paper Presentations

Session 7: (English)

No.	Submission ID	Paper Title	Authors
1	63	The Comparative Study on the Use of AI in Scientific Inquiry Learning between Gifted and Non-Gifted Students	Mei-Huei Li - National Taiwan Normal University Chiao-Wen Wu - National Taiwan Normal University Ching-Chih Kuo - National Taiwan Normal University
2	79	Empowering Parents to Nurture Gifted Children: An Exploratory Study on Parent Training in Gifted Education	Yuen Wai Livia Tang - The Hong Kong Academy for Gifted Education Chung Po Wong - The Hong Kong Academy for Gifted Education Man Chun Crystal Ngan - The Hong Kong Academy for Gifted Education Ka Hing Lau - The Hong Kong Academy for Gifted Education Kai Cheung Richard Lau - The Hong Kong Academy for Gifted Education
3	84	"Phone Gone, Me Still There": The Impact of an Artistic Giftedness Program on Junior High School Students' Digital Literacy and Self-Awareness	Shih-Chen Tuan - National Taiwan Normal University Ting Chang - Jean Moulin Lyon 3 University
4	210	How Can We Identify the Creative Potentials of Gifted and Talented Students? A Scoping Review of Creativity Assessment Tools	Jesus Alfonso Datu - The University of Hong Kong Jiahong Zhang - The University of Hong Kong Serene Chan - The University of Hong Kong Mantak Yuen - Hong Kong Shue Yan University

Time



11:35 - 12:35

Paper Presentations

Session 8: (English)

No.	Submission ID	Paper Title	Authors
1	49	Designing a Digital Educational Platform Based on the STEM-Robotics Approach to Foster Design Thinking among Gifted Students	Asmahan Al-Kharousi - Sultan Qaboos University Ali Al-Shuaili - Sultan Qaboos University Abdullah Ambusaidi - MoE, Oman Hussain Alkharusi - Sultan Qaboos University
2	58	Reclaiming STEM Talent for 21st-Century Careers	Michelle Lucas - University of New South Wales
3	65	From Coding to Insight: AI in Gifted Science	Shan-Chien Yang - Taipei First Girls High School
4	218	Psychological Flexibility in the Gifted Classroom: An ACT-Informed Framework for Metacognition and Growth Mindset	Senwai Lam - Hong Kong Shue Yan University Szeyin Cheung - Hong Kong Shue Yan University Mantak Yuen - Hong Kong Shue Yan University

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Tues, Feb 10th

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12:35 - 13:35

Paper Presentations

Session 1: (English)

No.	Submission ID	Paper Title	Authors
1	60	Understanding Twice-Exceptional Students: Services and Well-Being Across Home and School Contexts	Soha Elzalabany - Tomooh Foundation for Educational Services
2	74	Parental Experiences and Challenges in Raising Twice Exceptional Children with ADHD: A Qualitative Study	Afra Selcen Taşdelen - İstanbul Medeniyet University
3	16	Developmental Factors Influencing Outstanding Performance in Twice-Exceptional Elite Esports Players	Abdulrahman Alsayed - King Faisal University Abdulhamid Alarfaj - King Faisal University Fahad Almuaili - King Faisal University Refah Aljohar - King Faisal University
4	281	After 100 Years of Education— The Status of Twice-Exceptionality in Saudi Arabia	Mohamed Aladsani - Imam Abdulrahman bin Faisal University

Time



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Paper Presentations

Session 2: (English)

No.	Submission ID	Paper Title	Authors
1	129	Changing Yourselfs for Effective Teaching	Renato Ravizza - Studio Ravizza
2	156	School-Based Enrichment Programme in Gifted Education: Investigating the Learning Experience of Under-achievers with High Ability in Instructional Innovations	Kuen Fung Sin - The Education University of Hong Kong Wan Man Kam - The Education University of Hong Kong Ying Lan Chen - The Education University of Hong Kong
3	217	Value Networked Educational Instruction Model (VNEIM): Pedagogy for Nurturing Gifted & Talented Learners through Learning Barrier Free Instruction Design	Manisha Girolkar - Dr. Kalmadi Shamarao High School Pune India Jayashree Kadam - Dr. Kalmadi Shamarao High School Pune India Vijay Mandke - NIIT University
4	198	Enhancing Science Learning of Resource Room Students in Rural Elementary and Junior High Schools through Technology Education: Implications for Advancing Technology Education for Twice-Exceptional Students in Rural Areas	Ming-Fu Tsai - National Kaohsiung Normal University

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Tues, Feb 10th

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Paper Presentations

Session 3: (English)

No.	Submission ID	Paper Title	Authors
1	122	Self-Regulated Learning, Satisfaction with Distance Learning, and Learning Outcomes among Female Gifted High School Students	Aisha AlOmair - King Faisal University Simone Favelle - University of Wollongong Wilma Vialle - University of Wollongong
2	189	Developing and Validating a Career Decision-Making Scale for Gifted Female High School Students	Eman Aljughaiman - Ministry of Education: Al-Ahsa Education Department
3	265	Predictive Factors for Giftedness Among Refugee Students: A Focus on Academic Achievement, Gender, and School Context	Ali M Alodat - Qatar University
4	225	An Empirical Study to Promote the Emotional Development of Twice-Exceptional Students through an Interdisciplinary Curriculum	Ho Fun Tong - The Curriculum Development Council Committee on Gifted Education, Education Bureau King Fai Ng - SKH St. Simon's Lui Ming Choi Secondary School Chun Ngan - SKH St. Simon's Lui Ming Choi Secondary School

Time



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Paper Presentations

Session 4: (English)

No.	Submission ID	Paper Title	Authors
1	133	From Theory to Practice: Creating Thriving Work Environments for Gifted Education Across Global Contexts	Qamrah Alsubaie - King Saud University Blane McCann - Westside Community Schools
2	254	Using Exploring Centers as Tools for Identification	Usanee Anuruthwong - Association for Developing Human Potentials and Giftedness
3	259	Cultivating Critical Thinking in Gifted Learners Through Socratic Dialogue with Large Language Models	Muhammad S. Amjad - Independent Researcher Pakistan
4	97	Learning Across Borders: Comparative Insights from Gifted Education Curriculum Models in Taiwan and Australia	Yung-wen Yang - National Taiwan Normal University

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Paper Presentations

Session 5: (English)

No.	Submission ID	Paper Title	Authors
1	223	Motives for Attending Shadow Education: Perspectives of Gifted and Non-Gifted Adolescent Students from Pune, India.	Madhuri Chittewan - Dr. Kalmadi Shamarao High School János Gordon Győri - Eötvös Loránd University Prajakta Pujari - Kaveri Gifted Education and Research Center Kasturi Hapse - Kaveri Gifted Education and Research Center Devasena Desai - Kaveri Counselling, Empowerment and Gifted Center Ágnes Pataki - Eötvös Loránd University
2	233	Cognitive Profiles of Gifted Children and the Paradox of Private Tutoring: Differential Effects in an Asian Educational Context	Eunhyang Kim - Cheongju National Education University Kyungbin Park - Gachon University Jeonghwa Moon - JEI University
3	234	Profiling the Psycho-Social and Vocational Challenges of Gifted Students in Saudi Arabia: A Mixed-Methods Approach for Targeted Guidance	Mohammad AlKheraiji Sami Al-Hussayen - Thakaat
4	98	Exploring the School Adjustment and Counseling Experiences of Gifted Students: A Case Study of an Elementary School in Taipei	Juiyu Lin - National Taiwan Normal University Shumin Wu - University of Taipei

Time



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Paper Presentations

Session 6: (English)

No.	Submission ID	Paper Title	Authors
1	87	Facilitators and Barriers to Talent Development in Science from the Perspectives of Gifted Individuals and Their Parents	Rudaynah Alfadhli - King Faisal University Abdulhamid Alarfaj - King Faisal University
2	91	The Academic School Uherské Hradiště and the Centre for Research on Natural Science Education and Talent-Management: Examples of Cooperation	Jana Škrabánková - University of Ostrava Věra Olšáková - Academic School Uherské Hradiště
3	92	A Study on the Impact of the History of Science Curriculum on the Career Development Perspectives of Mathematically and Scientifically Gifted Students	Yenhung Shen Yenwei Chen
4	102	Integrating AI and SEL in Affective Counseling Strategies for Twice-Exceptional Students	Chu-Ling Liu - Keelung Municipal Ming Chuan Junior High School

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Paper Presentations

Session 7: (English)

No.	Submission ID	Paper Title	Authors
1	270	Motivational Perspectives in the Teaching of Students with Exceptional Intelligence in Kosovo and North Macedonia	Arafat Shabani - Southeast European University
2	82	Coexistence of Challenges and Potentials: Exploring Talent Development in Twice-Exceptional Students	WeiRong Wang - Donghu Elementary School
3	100	Navigating Twice Exceptionalities: Exploring The School Adaptation of Gifted Elementary Students with Attention-Deficit/Hyperactivity Disorder	Chia-Sheng Chen - Taipei Municipal Bi-Hu Elmentary School Shu-Min Wu - University of Taipei Chu-Ting Ko - University of Taipei Shih-Hwi Chang - University of Taipei
4	142	Twice-Exceptional University Students: Perceptions of Effective Supports	Jennifer Jolly - University of New South Wales Geraldine Townend - University of New South Wales Therese Cumming - University of New South Wales

Time



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Paper Presentations

Session 8: (English)

No.	Submission ID	Paper Title	Authors
1	117	Exploring the Transformation of Gifted Potential through the DMGT Framework: Educational Implications of an Intercultural Dance Curriculum	Tzu-ching Hsu - Keelung Resource Center For the gifted and talented Wei-Ting Lee - Keelung Resource Center For the gifted and talented
2	119	Balancing Achievement and Well-Being: An ACT Lens on Perfectionism in Chinese Gifted Learners	Mantak Yuen - Hong Kong Shue Yan University Ka-Ho Tong - Hong Kong Shue Yan University Jiahong Zhang - The University of Hong Kong Anthony Tong - The University of Hong Kong
3	130	Developing the Basis of Strategic Thought in Talented Athletes: Example In Tennis	Renato Ravizza - Studio Ravizza

Tues, Feb 10th

Time



12:35 - 13:35

Paper Presentations

Session 9: (English)

No.	Submission ID	Paper Title	Authors
1	132	The Struggle to Stay Motivated: Qualitative Insights from Gifted Malaysian Youth	Sofiya Nor - Universiti Putra Malaysia Steven Krauss - University of Missouri-Columbia Samsilah Roslan - Universiti Putra Malaysia Sharifah Syed-Abdullah - Universiti Putra Malaysia
2	282	Dar Al-Fikr Schools Competency-Driven Model Based on Five Strategic Initiatives as an implementation of Vision 2050 for Gifted Education	Aysar Alomari - Dar Al-Fikr Schools
3	130	Network Analysis of High-Achieving Students' Mental Health and Social Life: Omani Students' Profile	Said Aldhafri - Sultan Qaboos University

APCG 2026 Conference Schedule

Welcome To

Day 4

Day 4

Day 4

Day 4

Day 4

Day 4

Day 4

Day 4

Day 4

Day 4

Day 4

Day 4

APCG 2026

The 19th Asia-Pacific Conference on Giftedness
Shaping the Future of Gifted Education, Jeddah, Saudi Arabia
University of Business and Technology

Day 4

Weds, Feb 11th

Day 1

Day 2

Day 3

Day 4

Weds, Feb 11th

Time



8:30 - 9:15

Symposium: Creative Thinking Tests and the Environment: What Really Affects Divergent Thinking Scores?

Dr. Ahmed Alabbasi, Vice Dean, College of Education, Administrative and Technical Sciences, Arabian Gulf University
Prof. Selcuk Acar, Professor of Educational Psychology, University of North Texas
Dr. Bander Alotaibi (Moderator), Professor, Arabian Gulf University

School
Visit
8:30
13:00

Time



9:20 - 10:05

Symposium: Cultivating Advanced Learners for the Global Community of Tomorrow: The CTY Approach

Dr. Amy Lynne Shelton, Executive Director, John Hopkins Center for Talented Youth (CTY)
Dr. Kimberley L. Chandler, Director of Academics and Student Life, John Hopkins Center for Talented Youth (CTY)
Tricia Schellenbach, Senior Director of Strategic Initiatives, John Hopkins Center for Talented Youth (CTY)

Time



10:10 - 10:55

Symposium: Harnessing and Developing Scientists' Ecosystems: Talents as a Competitive Advantage

Eng. Sami Al Hussayen, Managing Partner, Thakaat
Dr. Abdulhameed Al Abduljabar, Professor of Mechanical Engineering, King Saud University

Time



10:55 - 11:15

Tea & Coffee Break

Time



11:15 - 12:00

Symposium: Elmbridge University Twice Exceptionality and the Theory of Green

Dr. Susan Baum, Chancellor, Elmbridge University
Dr. Matthew Fugate, Provost and Chief Academic Officer, Elmbridge University
Dr. Marcy Dann, Faculty, Elmbridge University
Dr. Kim Vargas, Director of Admissions, Recruitment, and Retention, Elmbridge University
Rose Blucher, Director, Educational Services for Boundless Potential

Special Session

AI in Education: SMART Learning Framework

Dr. Badrul Huda Khan, Founder of Modern E-Learning

Day 1

Day 2

Day 3

Day 4

Weds, Feb 11th

Time



12:05 - 12:50

Symposium: Exploring Talent Development: The Role of Educational and Learning Resources

Prof. Albert Ziegler, Chair Professor of Educational Psychology at Friedrich-Alexander-University Erlangen-Nurnberg, Germany

Prof. Heidrun Stoeger, Chair Professor for School Research, School Development and Evaluation, University of Regensburg, Germany

Dr. Norah Fareed Almulhim, Assistant Professor, King Faisal University

Lukas Ketscher, Research Fellow & PhD Candidate, Friedrich-Alexander-University Erlangen-Nurnberg, Germany

Symposium: Future Industrialist Initiative

Dr. Mohanad Al-Shaikh, CEO of Johnson Control Arabia

School
Visit
8:30
13:00

Time



12:50 - 14:05

Lunch

Time



14:05 - 14:50

**Launching of APFG's New Initiatives:
Research Mentorship and Special Interests Group**

Prof. Jae Yup Jung, Vice-President, Asia-Pacific Federation for Giftedness; Professor, School of Education and Director of GERRIC, The University of New South Wales

Dr. Letchmi Devi Ponnusamy, Senior Lecturer in Child Psychology & Human Development, National Institute of Education, Singapore

Time



14:55 - 15:25

Keynote: Prof. Albert Ziegler

Chair Professor of Educational Psychology at Friedrich-Alexander-University Erlangen-Nurnberg, Germany
Megatopes and Identifying Talent on a Country Level

Time



15:30 - 16:30

Closing Ceremony

8th February 2026 (7 PM)

Gala Dinner

An elegant gala dinner that offers a refined evening of networking, celebration, and Saudi hospitality, creating a memorable moment to honor the achievements and shared mission of the APCG community.



9th February 2026 (6 PM)

Al-Balad (Old Town Jeddah): A UNESCO World-class Heritage

Al-Balad is the historic heart of Jeddah, known for its distinctive coral-stone architecture and intricately carved wooden balconies. Designated a UNESCO World Heritage Site, this area offers a glimpse into the city's rich heritage, with landmarks such as Nassif House and bustling traditional markets lining its narrow alleys.



10th February 2026 (6 PM)

Desert Camping & Safari Experience: An Evening Under the Arabian Stars

Escape the urban buzz for a tranquil night among the dunes. This desert camping experience features traditional Saudi hospitality, fire-lit gatherings, sandboarding, and cultural activities in a safe and guided setting. Youth attendees will have tailored experiences that foster bonding and learning.



11th February (8:30 AM)

School Visits: A Glimpse into Saudi Arabia's Gifted Education in Action

As part of the conference experience, participants will have the opportunity to visit selected schools in Jeddah recognized for their innovative approaches to identifying and nurturing gifted students.

These visits offer a first-hand look at Saudi Arabia's evolving gifted education landscape—highlighting enriched curricula, talent development programs, and national strategies that support high-potential learners. It is a chance to witness theory put into practice, and to engage with educators and students shaping the future of learning in the Kingdom.

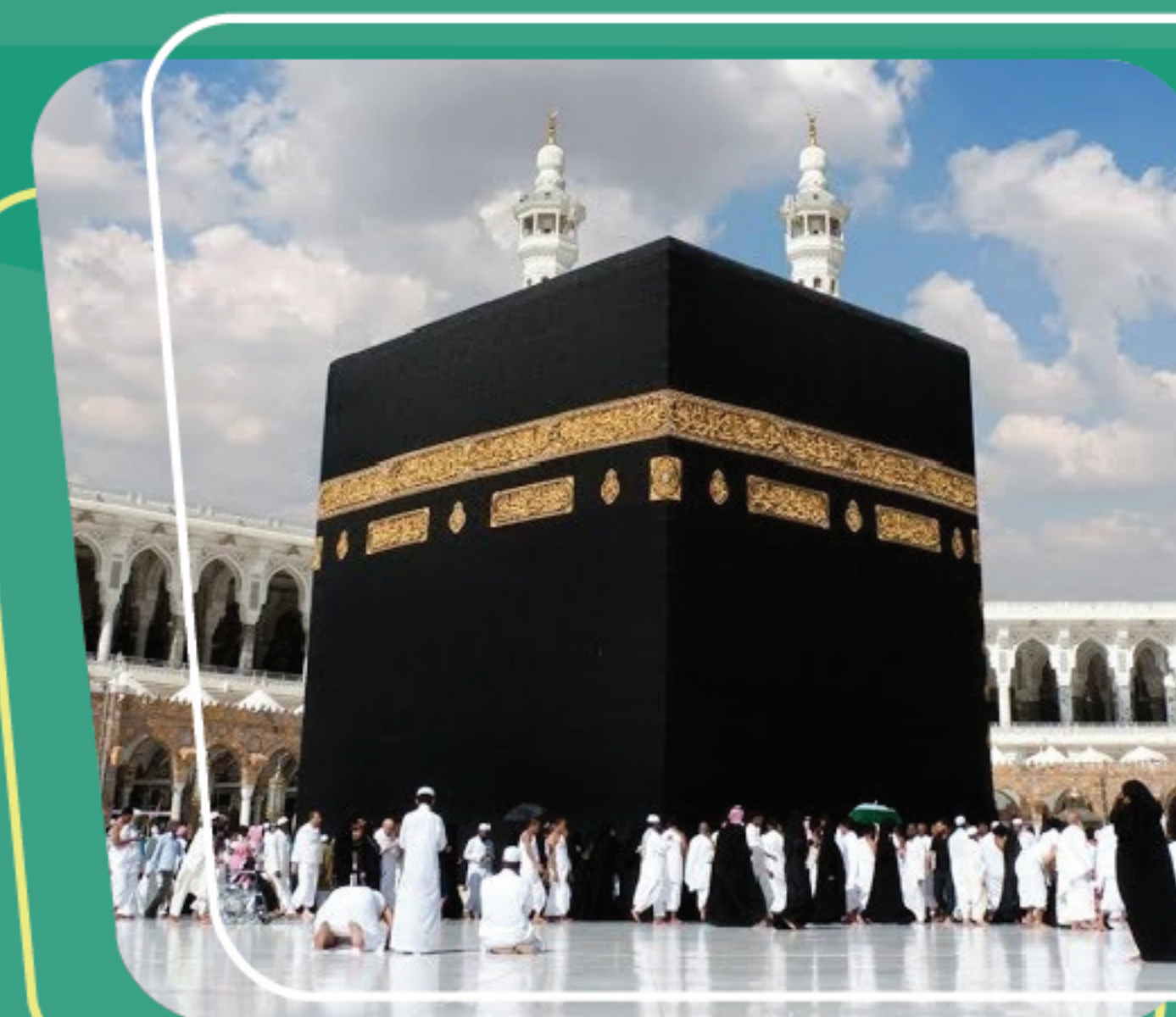


11th February (6 PM)

Umrah: A Sacred Visit to the Holiest City in Islam

Just 80 kilometers from Jeddah, Makkah offers Muslim participants the chance to perform Umrah.

The visit includes transportation, guidance, and time to experience the Grand Mosque and surrounding historical sites.



12 to 14 February

AlUla: Ancient Landscapes and Timeless

Journey to AlUla, home to Saudi Arabia's first UNESCO World Heritage site, Hegra (Madain Salih). This full-day or overnight excursion includes guided tours through rock-carved tombs, stunning sandstone canyons, and art installations across the desert. A breathtaking experience that connects history, geology, and culture.

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