



ARAB INNOVATION FORUM ON SUSTAINABLE DEVELOPMENT GOALS

PROGRAM

Day 0, 14 May 2022 (Arrival) 17:30- 20:30 Get-Together and Gala Dinner, the invitation of the Arab Open University	
Day 1, 15 May 2022 08:30 Gathering at the lobby and transfer to Arab Open University (AOU) 09:00-10:00 Registration at the AOU	
10:00 – 10:55	Opening Ceremony of the Arab Innovation Forum and the AGYA Summer School <ul style="list-style-type: none"> • The Royal Anthem of Jordan • Quran Kareem • HRH Prince Abdulaziz bin Talal, Chairman of the AOU Board of Trustees • Prof. Dr. Mohammed ALZakari (President of Arab Open University). • Prof. Dr. Mohammed Qtaishat, Director of Arab Open University / Jordan • H.E. Randa Aboul-hosn (Resident Representative of UNDP) • Prof. Dr. Isaac Slivera (Harvard University, USA) • Prof. Dr. Olle Eriksson (Uppsala University, Sweden) • Prof. Dr. Mahmoud Abdel-Hafiez, Co-President of the Arab-German Young Academy of Sciences and Humanities (AGYA) • Honoring the speakers by HRH Prince Abdulaziz bin Talal Al-Saud
10:55– 11:15	Poster Session & Coffee Break
11:15-12:15 Chair: MR. Nasser Baker ALKahtani (CEO, AGFUND: Arab Gulf Programme for Development)	Panel Discussion I: Outreach Activities and Science Communication in the Field of Energy and Environment



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	<ul style="list-style-type: none"> • Prof. Dr. Olle Eriksson, Uppsala University, Sweden • Prof. Dr. Alejandro Silhanek, University of Liege, Belgium • Prof. Dr. Isaac Silvera, Harvard University, USA • Prof. Dr. Mahmoud Abdel-Hafiez, Co-President of the Arab-German Young Academy of Sciences and Humanities (AGYA)
12:15-13:15	Lunch & Networking Coffee.
13:15 – 13:45: In the presence of: HRH Prince Abdulaziz bin Talal Al-Saud	<p>panel discussion II: The participatory role in serving refugees and developing their capabilities (the Arab Open University, AGFUND and their partners)</p> <p>Speakers:</p> <ul style="list-style-type: none"> • H.E. RANDA Aboul-hosn (Resident Representative of UNDP) • Mr. Nasser Baker ALKahtani (CEO, AGFUND: Arab Gulf Programme for Development) • Prof. Dr. Mohammed ALZakari (President of Arab Open University). <p>Participants:</p> <ul style="list-style-type: none"> • United Nations International Children's Emergency Fund (UNICEF) • The United Nations World Food Program (WFP) • Syrian Refugees Graduates and Students at Arab Open University
13:45 – 14:10 Chair: Ali El-Gayer (AGYA member)	<p>Public Keynote Speech I</p> <ul style="list-style-type: none"> • Prof. Dr. Goran Karapetrov, Drexel University, USA <p>Title: Potential of 2D Dichalcogenides for Future Electronics</p>
14:10 – 14:35	<p>Invited Speaker</p> <ul style="list-style-type: none"> • Prof. Dr. Olga Volkova, Moscow State University, Russia <p>Title: Antiferromagnetic square lattices in transition metal nitrates</p>



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14:35-15:00	Invited Speaker <ul style="list-style-type: none"> Prof. Dr. Corenelius Krellner, Gothe University-Frankfur, Germany Title: Advanced Crystal Growth of Novel Quantum Materials with Strong Electronic Correlations
15:00-15:30	Poster Session & Coffee break
15:30-16:30 Chair: Osama Ayyadi (Prof Solar Energy, Applied Science University)	Panel Discussion III: Batteries and energy materials <ul style="list-style-type: none"> Prof. Dr. Ruediger Klingeler, Heidelberg University, German Prof. Dr. Arafa Hassen, Fayoum University, Egypt Prof. Dr. Djamel Djenouri, AGYA members (UK)
16:30-17:30 Chair: Kamal Araj (Nuclear Agency, Jordan)	Panel Discussion IV: Nuclear Energy and SESAME in Jordan <ul style="list-style-type: none"> Prof. Dr. Alexander Vasiliev (Moscow State University, Russia) Prof. Dr. Mohammad Al-Shannag (General Manager of Jordan Uranium Mining Company) Eng. Belal Qtaishat (Head of Quality Assurance Department/ Jordan Atomic Energy Commission)
19:00	Dinner by the invitation of UNDP
Day 2, 16 May 2022 08:30 Gathering at the lobby and transfer to Arab Open University (AOU)	
9:00 – 10:00 WG Meeting Energy, Water and Environment I (closed session only for AGYA members and alumni) Location: Hall 118	
10:00-10:30 Chair: Prof.Dr.Mahmoud Abdel-Hafiez (Co-President of the Arab-German Young Academy of Sciences and Humanities (AGYA)10:30-11:00	Public Keynote Speech II <ul style="list-style-type: none"> Prof. Dr. Isaac Silvera, Harvard University, Physics Department Metallic Hydrogen



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10:30-11:00	Invited Speaker <ul style="list-style-type: none"> Prof. Dr. Alejandro Silhanek, University of Liege, Belgium Title: Electronic erosion in nanocircuits
11:00-11:30	Coffee break + Networking
11:30-12:30 Chair: Prof. Mohammed Qtaishat , Diretor of Arab Open University/ Jordan.	Panel Discussion V: Unconventional Water Resources <ul style="list-style-type: none"> Prof. Dr. Rund Abu Zraiq (Director of Nanotechnology Center / The University of Jordan) Prof. Dr. Maha Halalsheh (Water, Energy and Environment Center/ The University of Jordan) Eng. Khaldoun Kheshman (ACUWA) Prof. Dr. KYLE E. CORDOVA (Executive Director for Scientific Research and Senior Assistant to Her Royal Highness Princess Sumaya bint El Hassan for Scientific Affairs at the Royal Scientific Society)
12:30-13:30	Lunch & Networking Coffee
13:30-14:00 Chair: Abdel-Wahab Hassen (Fayoum University, Egypt)	Public Keynote Speech III <ul style="list-style-type: none"> Prof. Dr. Olle Eriksson, Uppsala University, Physics Department What Can Be Calculated and What Can't
14:00 – 14:30	Invited Speaker <ul style="list-style-type: none"> Prof. Dr. Ruediger Klingeler, Heidelberg University, Germany Title: How to study spin lattice coupling and magnetic anisotropy and their relevance for 2D van-der-Waals ferromagnets
14:30-15:00	Invited Speaker <ul style="list-style-type: none"> Prof. Dr. Alexander Vasiliev, Moscow State University, Russia Title: Square kagome systems



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15:00-15:30	Coffee break + Networking
15:30-16:15 Chair: PROF. Dr. Motasem Saidan (Former Minister of water)	Panel Discussion VI: Climate Changes and Solution <ul style="list-style-type: none"> • Prof. Dr. Iain Stewart (El-Hassan bin Talal Research Chair in Sustainability) • Prof. Dr. Walid Ali (Climate Change Regional Consultant UNDP) • Prof. Dr. Mohamed Matouq (Balqa' Applied University) • Dr. Khalil Al-Absi (Director of the Planning and Regional Water Department at the Jordan Valley Authority)
16:15-17:00 Chair: Prof. Dr. Ashraf Bani Mohammed (Business Faculty, The University of Jordan)	Panel Discussion VII: Innovation and entrepreneurship: (challenges and future perspective) <ul style="list-style-type: none"> • Prof. Dr. Abeer AL-Bawab (Faculty of Science / The University of Jordan) • Prof. Dr. Yousef AL-Abdallat (Faculty of Engineering / The University of Jordan) • Ms. Luma Fawaz (General Manager of OAISIS 500)
18:00-20:00	Gala Dinner by the invitation of Arab Open University
Day 3, 17 May 2022 Scientific Excursion to 1- visits to Synchrotron-Light for Experimental Science and Applications in the Middle East (SESAME) 2- Petra Visit by the invitation of Arab Open University	
Day 4, 18 May 2022 Departure Day	