



ARAB INNOVATION FORUM ON SUSTAINABLE DEVELOPMENT GOALS

PROGRAM

<p>Day 0, 14 May 2022 (Arrival)</p> <p>17:30- 20:30 Get-Together and Gala Dinner, the invitation of the Arab Open University</p>	
<p>Day 1, 15 May 2022</p> <p>08:30 Gathering at the lobby and transfer to Arab Open University (AOU)</p> <p>09:00-10:00 Registration at the AOU</p>	
<p>10:00 – 10:55</p>	<p>Opening Ceremony of the Arab Innovation Forum and the AGYA Summer School</p> <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
<p>10:55– 11:15</p>	<p>Poster Session & Coffee Break</p>
<p>11:15-12:15</p> <p>Chair: MR. Nasser Baker ALKahtani (CEO, AGFUND: Arab Gulf Programme for Development)</p>	<p>Panel Discussion I: Outreach Activities and Science Communication in the Field of Energy and Environment</p>



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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.
<p>13:15 – 13:45: In the presence of: HRH Prince Abdulaziz bin Talal Al-Saud</p>	<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
<p>13:45 – 14:10 Chair: Ali El-Gayer (AGYA member)</p>	<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>
<p>14:10 – 14:35</p>	<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	<p>Invited Speaker</p> <ul style="list-style-type: none"> Prof. Dr. Corenelius Krellner, Gothe University-Frankfur, Germany <p>Title: Advanced Crystal Growth of Novel Quantum Materials with Strong Electronic Correlations</p>
15:00-15:30	Poster Session & Coffee break
15:30-16:30 Chair: Osama Ayyadi (Prof Solar Energy, Applied Science University)	<p>Panel Discussion III: Batteries and energy materials</p> <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)	<p>Panel Discussion IV: Nuclear Energy and SESAME in Jordan</p> <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
<p>Day 2, 16 May 2022</p> <p>08:30 Gathering at the lobby and transfer to Arab Open University (AOU)</p>	
<p>9:00 – 10:00 WG Meeting Energy, Water and Environment I (closed session only for AGYA members and alumni) Location: Hall 118</p>	
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	<p>Public Keynote Speech II</p> <ul style="list-style-type: none"> Prof. Dr. Isaac Silvera, Harvard University, Physics Department <p>Metallic Hydrogen</p>



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10:30-11:00	<p>Invited Speaker</p> <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
<p>11:30-12:30 Chair: Prof. Mohammed Qtaishat, Director of Arab Open University/ Jordan.</p>	<p>Panel Discussion V: Unconventional Water Resources</p> <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
<p>13:30-14:00 Chair: Abdel-Wahab Hassen (Fayoum University, Egypt)</p>	<p>Public Keynote Speech III</p> <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	<p>Invited Speaker</p> <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	<p>Invited Speaker</p> <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 OASIS 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	