UAE GSRC 2023

مؤتمر أبحاث طلبة الدراسات العليا

Graduate Students Research Conference

19-20 MARCH 2023

ABU DHABI

Day 1 - March 19

08:00-09:00	**Registration & Setup**							
	Opening Session							
09:00-9:15	**Welcome Remarks** Dr. Arif S. Al-Hammadi, Executive Vice President, Khalifa University UAE GSRC General & Steering Committee Chair Dr. Mahmoud Al-Qutayri, Associate Provost, Khalifa University UAE GSRC Organizing & Technical Committee Chair							
09:15-09:45	**Keynote Address** H.E. Sarah Al Amiri, Minister of State for Public Education and Advanced Technology and Chair of the Board of Directors of the Emirates Schools Establishment							
09:45-10:00	**Keynote Address** H.E. Ahmed Fikri, Director General at Statistics Center Abu Dhabi							
10:00-10:45	**Panel Session 1: Data Science Powering the Knowledge Economy** Prof. Marcos Lopez De Prado, Global Head - Quantitative R&D, ADIA/Moderator Prof. Stephane Gaiffas, Quantitative R&D Lead, ADIA Dr. Emanuele Olivetti, Quantitative R&D Lead, ADIA Prof. Horst Simon, Director of ADIA Lab Prof. Alexander Lipton, Global Head, Quantitative R&D, ADIA							
10:45-11:00	**Coffee Break**							
11:00-12:30	**Technical Papers Session 1 (Oral & Poster)**							
	EPS-D1-S1: Artificial Intelligence	**EPS-D1-S1: Aerospace Engineering**	**EPS-D1-S1: Chemical Engineering**	**CHS-D1-S1: Cancer and Oncology**	**EPS-D1-S1: Mechanical Engineering**	**EPS-D1-S1: Mathematics & Statistics**	**EPS-D1-S1: Chemistry**	**AHS-D1-S1: Education**
11:00-11:45	**Poster-D1-S1-A: Poster Session - 1A**							
11:45-12:30	**Poster-D1-S1-B: Poster Session - 1B**							
12:30-13:30	**Lunch**							
13:30-14:15	**Panel Session 2: The Role and Impact of Doctoral Degree Holders in Society and on Economy** Prof. Carol Genetti, Vice Provost for Graduate and Postdoctoral Programs, NYU Abu Dhabi/Moderator Prof. Bayan Sharif, Provost, Khalifa University Prof. Arlie Petters, Provost, New York University Abu Dhabi Prof. Ali Al Marzouqi, Dean of Graduate Studies, UAE University Prof. Mohamed El Tarhuni, Vice Provost for Research and Graduate Studies, American University of Sharjah							
14:15-15:45	**Papers Session 2 (Oral & Poster)**							
	EPS-D1-S2: Electrical & Electronic Engineering	**EPS-D1-S2: Civil Engineering**	**EPS-D1-S2: Chemical Engineering**	**CHS-D1-S2: Immunology, Diabetes & Cardiovascular Disease**	**EPS-D1-S2: Materials Science & Engineering**	**EPS-D1-S2: Industrial Engineering**	**EPS-D1-S2: Earth Science & Petroleum Geoscience**	**EPS-D1-S2: Physics & Planetary Science**
14:15-15:00	**Poster-D1-S2-A: Poster Session - 2A**							
15:00-15:45	**Poster-D1-S2-B: Poster Session - 2B**							
15:45-16:00	**Coffee Break**							
16:00-17:30	**Technical Papers Session 3 (Oral & Poster)**							
	EPS-D1-S3: Computer & Information Sciences	**EPS-D1-S3: Environmental Engineering & Sustainability**	**EPS-D1-S3: Chemical Engineering**	**EPS-D1-S3: Biomedical Engineering**	**EPS-D1-S3: Petroleum Engineering**	**BAM-D1-S3: Business and Management**	**EPS-D1-S3: Geology**	**AHS-D1-S3: Other Topics in AHS**
16:00-16:45	**Poster-D1-S3-A: Poster Session - 3A**							
16:45-17:30	**Poster-D1-S3-B: Poster Session - 3B**							

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Day 2 - March 20

08:00-09:00	**Registration & Setup**							
09:00-09:30	**Keynote Address** H.E. Dr. Mohammed Al Mualla, Undersecretary for Academic Affairs at Ministry of Education							
09:30-09:50	**Keynote Address** H.E. Faisal Al Banai /CEO and Managing Director of EDGE							
09:50-10:10	**Keynote Address** H.E. Salem Butti Salem Al Qubaisi, Director General - UAE Space Agency							
10:10-10:30	**Keynote Address** H.E. Badr Al-Olama/ Executive Director, Mubadala							
10:45-11:00	**Coffee Break**							
11:00-12:30	**Technical Papers Session 1 (Oral & Poster)**							
	EPS-D2-S1: Electrical & Electronic Engineering	**EPS-D2-S1: Aerospace Engineering**	**EPS-D2-S1: Biomedical Engineering**	**EPS-D2-S1: Chemical Engineering**	**EPS-D2-S1: Computer & Information Sciences**	**EPS-D2-S1: Materials Science & Engineering**	**EPS-D2-S1: Mechanical & Nuclear Engineering**	**EPS-D2-S1: Other topics in Clinical, Pre-Clinical & Health**
11:00-11:45	**Poster-D2-S1-A: Poster Session - 1A**							
11:45-12:30	**Poster-D2-S1-B: Poster Session - 1B**							
12:30-13:30	**Lunch**							
13:30-14:00	**Panel Session 3 - Mufakiru Al Emarat** **Navigating the Path to Sustainability: Perspectives from Diverse Disciplines** Dr. Fahad Almaskari, Khalifa University/ Moderator Dr. Fahad Alyafei, Chief Technology Office, Siemens Energy Dr. Hamad Al Jassmi, Director of Emirates Center for Mobility Research at UAE University Dr. Maryam Rashed AlShehhi, Civil Infrastructure and Environmental Engineering, Khalifa University Dr. Jamal Alsawalhi, Electrical Engineering and Computer Science, Khalifa University							
14:00-15:30	**Technical Papers Session 2 (Oral & Poster)**							
	EPS-D2-S2: Electrical & Electronic Engineering	**EPS-D2-S2: Mechanical Engineering & Materials Science**	**EPS-D2-S2: Biomedical Engineering**	**EPS-D2-S2: Chemical Engineering**	**EPS-D2-S2: Cybersecurity & Data Science**	**EPS-D2-S2: Industrial Engineering, Business & Management**	**EPS-D2-S2: Mechanical Engineering**	**EPS-D2-S2: Biology & Other Topics in Life Sciences**
14:00-14:45	**Poster-D2-S2-A: Poster Session - 2A**							
14:45-15:30	**Poster-D2-S2-B: Poster Session - 2B**							
15:30-15:45	**Coffee Break**							
15:45-17:15	**Technical Papers Session 3 (Oral & Poster)**							
	EPS-D2-S3: Communication, Electrical & Electronic Engineering	**EPS-D2-S3: Chemistry**	**EPS-D2-S3: Civil Engineering & Urban Studies**	**EPS-D2-S3: Chemical Engineering**	**EPS-D2-S3: Robotics, Mechatronics & Automation**	**EPS-D2-S3: Water, Environment & Sustainability**	**EPS-D2-S3: Mechanical Engineering**	**EPS-D2-S3: Physics**
15:45-16:30	**Poster-D2-S3-A: Poster Session - 3A**							
17:15-17:30	**Closing Remarks**							

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