

Organizers



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The College of Engineering at ADU and the fib-UAE invite you to the:

Women in Engineering Forum 2021

The Contribution of Women Engineers to Sustainable Smart Cities Pre and Post COVID-19

8 - 9 November 2021 (Hybrid) 10 am - 3 pm (AUH Timing)

Abu Dhabi University. For people who cannot join in person:

Click here to register to join Day 1 (<https://tinyurl.com/WIEF2021Day1-Registration>)

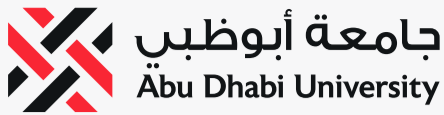
Click here to register to join Day 2 (<https://tinyurl.com/WIEF2021Day2-Registration>)

Program Day 1: 8 November 2021

Speakers		
9:30 - 10:00	Registration	
10:00 - 10:05	National Anthem	
10:05 - 10:10	Forum Opening Remarks	Dr. Reem Sabouni - Forum Chair and Associate Professor, Abu Dhabi University Chairwoman - fib-UAE, ASCE-UAE Section President
10:10 - 10:15	ADU Welcome Note	Prof. Waqar Ahmad - Chancellor, Abu Dhabi University
10:15 - 10:20	ADU Opening Remarks	Prof. Thomas Glas-Hochstettler - Provost, Abu Dhabi University
10:20 - 10:25	COE Opening Remarks	Dr. Hamdi Mustafa Sheibani - Dean of the College of Engineering, Abu Dhabi University
10:25 - 10:30	fib-UAE Welcoming Notes	Dr. Sherif Yehia - Deputy Head of fib-UAE Professor, American University of Sharjah
10:30 - 10:40	fib-International Welcoming Notes and Activities and Vision of fib	Dr. Akio Kasuga - fib President Executive Vice President, Chief Director of Technology, and Deputy Chief Director of International, Sumitomo Mitsui Construction Co. Ltd., Japan
10:40 - 11:10	Keynote	
10:40 - 11:10	The Vision of SOE-UAE to Empower Women in Engineering	Sheikha Dr. Nahla Alqassimi - Vice President of Board of Governance of UAE Society of Engineers, Dean of Students at Ajman university, Chair of Women empowerment council at Ajman university, Chair of Women Engineers committee at Society of Engineers, Member of Board of Governance of Rashid Bin Humaid award for culture and Science.
11:10 - 11:40	Partners and Supporters Appreciation and Group Photo	
11:40 - 12:30	Lunch Break and Poster Presentations <i>Student Raffle Draw*</i>	
12:30 - 1:30	Theme 2 Proposed Procedures to Best Utilize Female Engineers in Solving Industrial Challenges Related to the Development of Sustainable Smart Cities	
12:30 - 12:50	Partnership Between Public Sector and Private Sector in Infrastructure Projects	Eng. Eiman Saeed Alameri - Senior Maintenance Projects Engineer, Municipal Infrastructure and Assets, ADM
12:50 - 1:10	The Role of Structural Engineers in Building Future Cities	Eng. Iman Abi Saab - Associate Structures, Mott Macdonald
1:10 - 1:30	The Application of Drones in Smart Cities	Eng. Mariam Al Ameri - Mainland Assistant Director of Planning, Town Planning Sector, ADM
1:30 - 1:40	Break and Poster Presentations <i>Student Raffle Draw*</i>	
1:40 - 2:40	Theme 3 Industrial Insights into the Role of Universities in Encouraging Gender Diversity in the Development of Sustainable Smart Cities	
1:40 - 2:00	How Research into the Internet of Smart Things Shapes the Future and Drives Value	Dr. Huma Zia - Assistant Professor of Computer Engineering, Abu Dhabi University
2:00 - 2:20	The Role of Structural Health in Monitoring the Safety of Infrastructures	Prof. Maria Rosaria Pecce - Professor, Università Degli Studi Del Sannio, Dipartimento di Ingeneria, Italy
2:20 - 2:40	AI and Sustainable Cities: Between the Paleofuture and Today	Dr. Yasmin Halawani - Post-Doctoral Fellow, Khalifa University
2:40 - 3:00	Sustainability Aspects of Abu Dhabi Lighting Standards	Eng. Zainab Alhosani - Transport & Traffic Engineer, Infrastructure Technical Support Division, ADM
3:00 - 3:20	Day 1 Speakers Appreciation and Group Photo Day 1 Closing Remarks <i>Student Raffle Draw*</i>	

* Only students attending the WIEF2021 in person are eligible to enter the raffle draw

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Click here to register to join Day 2 (<https://tinyurl.com/WIEF2021Day2-Registration>)

Program Day 2: 9 November 2021

Speakers		
9:30 - 10:00	Registration	
10:00 - 10:05	Day 2 Opening Remarks	Dr. Reem Sabouni - Forum Chair and Associate Professor, Abu Dhabi University Chairwoman - fib-UAE, ASCE-UAE Section President
10:05 - 10:30	Keynote	
10:05 - 10:30	Challenge to Install Eco-Friendly Concrete Floaters for Offshore Wind Turbine Farms in Japan	Dr. Chikako Fujiyama - Associate Professor, Faculty of Urban Innovation, Yokohama National University, Japan
10:30 - 11:50	Theme 2 Proposed Procedures to Best Utilize Female Engineers in Solving Industrial Challenges Related to the Development of Sustainable Smart Cities	
10:30 - 10:50	Narratives in Sustainable Smart Cities Post COVID-19	Eng. Meneinah Alteneiji - Head of Research & Studies section, Urban Planning Department, Town Planning Sector, ADM
10:50 - 11:10	Model Lipid Membranes to Study the Effect of Local and General Anesthetics	Dr. Hadeel Mwafaq Al Obeedallah - Assistant Professor of Biomedical Engineering, Abu Dhabi University
11:10 - 11:30	Creative Beautification Projects in Public Spaces	Eng. Eman Tulimat - Architect, Infrastructure Technical Support Department, ADM
11:30 - 12:30	Lunch Break and Poster Presentations <i>Student Raffle Draw*</i>	
12:30 - 1:30	Theme 1 The Involvement of Women Engineers in Sustainable Smart Cities: Challenges, Demands, and Opportunities	
12:30 - 12:50	The Contribution of Women Engineers to Sustainable Smart Cities Pre and Post COVID-19 From a System Operation Supervisor Perspective	Eng. Khawla Hasan Alali - Systems Operation Supervisor, Municipal Infrastructure and Assets, ADM
12:50 - 1:20	Industrial Applications of Artificial Intelligence and Robotics	Eng. Tasnim Basmaji - Research Assistant, Electrical Engineering, Abu Dhabi University Eng. Maha Yaghi - Research Assistant, Computer Engineering, Abu Dhabi University Eng. Marah Alhalabi - Research Assistant, Biomedical Engineering, Abu Dhabi University
1:20 - 1:40	The Past, Present, and Future of Women in Civil Engineering	Eng. Shamsa Al Muharrami - Traffic Planning Engineer, Municipal Roads, and Infrastructure, ADM
1:40 - 2:00	Day 2 Speakers Appreciation and Group Photo Forum Closing Remarks <i>Student Raffle Draw*</i>	

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