



**PRINCE MOHAMMAD BIN FAHD
UNIVERSITY**

UAEU

**The 7th International Conference on Renewable
Energy Generation and Application**

ICREGA 2024

**Prince Mohammad Bin Fahd University
Al-Khobar, Saudi Arabia
April 21 - 24, 2024**

Conference Program

Program-at-a-Glance

- All times are Saudi Arabia time zone (GMT +3)

Sunday, April 21st 2024

Pre-conference Workshop

13:00 – 16:00

The Potential of Adopting 3D Printing in the Energy Sector: Applications and Challenges

Dr. Waleed Ahmed, Mechanical Engineering Department, UAEU

Prof. Mousa Hussein, Electrical Engineering Department, UAEU

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Monday, April 22nd 2024

Opening	9:00 – 9:30
Welcome Speech Dr. Faisal Al Anezi <i>General Chair</i> <i>Prince Mohammad Bin Fahd University</i> <i>Khobar, Saudi Arabia</i>	9:30 – 9:45
Break	9:45 – 10:00
Keynote Lecture 1 Role of the Smart Grid in Facilitating the Integration of Renewables into the Power Grid Prof. Saifur Rahman <i>Director, Virginia Tech Advanced Research Institute, USA</i> <i>President, IEEE Power & Energy Society, 2018 and 2019</i> <i>2023 IEEE President & CEO</i>	10:00 – 10:45
Coffee Break	10:45 – 11:00
Technical Sessions Industry Sessions	11:00 – 13:00
Lunch	13:00 – 14:00
Technical Sessions Industry Sessions	14:00 – 16:00
Gala Dinner	19:00 – 22:00

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Tuesday, April 23rd 2024

Keynote Lecture 2	10:00 – 10:45
Recent Advances in Inverter and Battery Integration in PV Systems	
Prof. Issa Batarseh <i>Director, Florida Power Electronics Center</i> <i>Professor, University of Central Florida, USA</i>	
Coffee Break	10:45 – 11:00
Technical Sessions Industry Sessions	11:00 – 13:00
Lunch	13:00 – 14:00
Technical Sessions Industry Sessions	14:00 – 16:00
Social Event (Visit to Ithraa)	17:00 – 20:00

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Wednesday, April 24th 2024

Keynote Lecture 3	10:00 – 10:45
Photovoltaics in the mainstream electricity production: What are the next challenges?	
Prof. George E. Georghiou <i>Founder, FOSS Research Centre for Sustainable Energy</i> <i>Professor, University of Cyprus, Cyprus</i>	
Coffee Break	10:45 – 11:00
Technical Sessions Industry Sessions	11:00 – 13:00
Lunch	13:00 – 14:00
Technical Sessions Industry Sessions	14:00 – 16:00
Coffee Break	16:00 – 16:30
Conference Closing	16:30 – 17:00