

RT24 MEA the 28th of November 2024,
at Holiday Inn Riyadh – Izdihar

28th CONFERENCE SCHEDULE

Opening Session

Simon Abourida : OPAL-RT Technologies

Ashraf O P Ebrahim : D-SAT

08:30 - 09:00 AM



Cybersecurity Solutions for Future Energy Systems

09:00-09:30 AM



Mohd Asim Aftab

Postdoctoral Fellow
King Abdullah University of Science and
Technology (KAUST)

RST Robust Control for DC-DC Buck Converter Feeding Constant Power Loads: HIL Testing

09:30-10:00 AM



Akram Mohammed

PhD. Candidate
King Saud University

Morning Break 10:00 - 10:30 AM

Enhancing Resiliency of a Low Inertia Power System under Large-scale Disturbances and Contingencies

10:30-11:00 AM



Muhammad Farooq Umar

Postdoctoral Research Associate
Texas A&M University at Qatar

Power-hardware-in-the-loop (PHIL) Simulations: Utility in Product Development and Research

11:00-11:30 AM



Amit Kumar KS

Team Lead for PHIL Applications

Unlocking Innovation in Power Electronics : Hardware Design Secrets for Advanced Topologies

11:30-12:00 PM



Khalid Ahmad
CEO & CTO



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Lunch Break 12:00-01:30 PM

Control and Hardware-in-the-Loop Simulation of Energy Storage and Electric Vehicle systems

01:30-02:00 PM



Talal Alharbi

Professor
Qassim University

PHIL Verification for Virtual Synchronous Generator Grid-Forming Control

02:00-02:30 PM



Muntathir Al Talaq

PhD Candidate
Khalifa University

Dewesoft Innovative Approach to Complex Electrical and Mechanical Combined Test

02:30- 03:00 PM



Gabriele Ribichini
CEO



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Afternoon Break 03:00-03:30 PM

DEWA's Real-time Testbed for Grid Modernization

03:30-04:00 PM

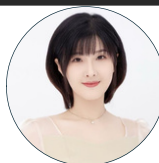


Gagandeep Dua

Senior Researcher
Dubai Electricity and Water Authority
R&D Center

PONOVO's PHIL(Power-Hardware-In-Loop) 4-Quadrant Power Amplifier and Testing Application

04:00-04:30 PM



Jennifer Liu

General Manager-International
Department



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Closing Session OPAL-RT Technologies

04:30-05:00 PM