

The 3rd MCAST

ENERGY DAY

Conference

Oct 10, 2019
MCAST Auditorium
Paola, Malta

ORGANISERS



SUPPORTERS



COLLABORATORS



Programme Topics

ERANETMED Project Special Session: 3DMicroGrid Project

Speakers



Hon. Joe Mizzi
Minister for Energy and
Water Management



Prof. James Calleja
Principal & CEO, MCAST



Ing. Stephen Sammut
Director, Institute
Engineering & Transport



Dr Ing. Brian Azzopardi
Senior Lecturer II
MCAST Energy



Dr Raquel Garde
CENER



Dr Ala Khalifeh
German Jordanian University



Angelina Bintoudi
CERTH



Nis Martensen
Energynautics



Prof. J. L. M. Ramos
University of Seville



Leila Ghomri
University of Algeria



Nunziatina Fragale
GEOSYS



Borg Nicholas
SENS



Yeliz Yoldaş
Abdullah Gul Univ.



Dr Lenos Hadjidemetriou
University of Cyprus



Dr Vibhu Jatelly
MCAST Energy



Dr Somesh Bhattacharya
MCAST Energy

Supported by the Malta Council for Science and Technology (MCST) 3DMgrid (Design, Development and Demonstration of a Smart Micro-Grid) project under grant ENM-2016-002a through the ERANETMED initiative of Member States, Associated Countries and Mediterranean Partner Countries and the European Commission H2020 TWINNING JUMP2Excel (Joint Universal activities for Mediterranean PV integration Excellence) project under grant 810809.

The MCAST Energy Research Group (MCAST Energy) specialises in global and regional solutions by innovative devices in emerging technologies, systems level integration to policy engagement for better community. The group specialises in applied research techniques including but not limited to optimisation, energy informatics, decision making and life cycle analysis.

For more information visit: www.3dmicrogrid.com
Register by sending the Registration Form by email on energy@mcast.edu.mt
Registration closes on the **3rd October 2019**

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PROGRAMME

09:30 REGISTRATION

10:00 WELCOME SPEECH & INTRODUCTIONS

Hon. Joe Mizzi - Minister for Energy and Water Management
Prof. James Calleja - MCAST Principal and CEO
Ing. Stephen Sammut - Director, Institute for Engineering and Transport
Dr Eur. Ing. Ing. Brian Azzopardi - MCAST Energy Research Group

10:15 KEYNOTE SPEECH - JUMP2Excel Public Lecture

Energy Storage for Microgrids deployment: Case Studies
Dr Raquel Garde - CENER, Spain

10:45 INVITED TALK - 3DMicroGrid Coordinator

Microgrids perspective
Dr Ala' Khalifeh - German Jordanian University, Jordan

11:00 REFRESHMENTS

11:15 INVITED TALKS

Hybrid MAS controller for fault-tolerant microgrids
Angelina Bintoudi - CERTH/ITI, Greece
Impact of Real-time simulation on time eliminating faults in Microgrids
Leila Ghomri - University of Algeria, Algeria

PROGRAMME

Scheduling of Dispatchable Resources in a Campus Microgrid

Prof. J. L. M. Ramos - University of Seville, Spain

Agent Balance Optimization for Real Microgrids

Yeliz Yoldaş - Abdullah Gul University, Turkey

REACH Energy Management and Sustainability Platform

Borg Nicholas - SENS, Malta

A GIS and BIM integration for 3DMicroGrid

Nunziatina Fragale - GEOSYS, Malta

12:30 LUNCH

13:30 INVITED TALKS

Accurate modeling and novel control schemes for microgrids

Dr. Lenos Hadjidemetriou - University of Cyprus, Cyprus

Power System Protection Considerations for Microgrids

Nis Martensen - Energynautics, Germany

Decentralised Control Philosophy for multi DER based Microgrid

Dr Somesh Bhattacharya - MCAST Energy, Malta

A Case Study of MCAST Microgrid

Dr Vibhu Jately - MCAST Energy, Malta

14:30 CAMPUS TOUR

15:00 CONCLUSIONS

15:15 REFRESHMENTS