

BUCHAREST 2018 SYMPOSIUM ON MICROGRIDS

University Politehnica of Bucharest, Romania

2- 6 September 2018

(smart casual dress encouraged)

Sunday 02 September – Pre-Symposium Activities

UPB Rectorat Building, HALL AN

14:30 Registration open from 14.30

16:00-17:00 Tour UPB labs

17:00-19:00 Welcome Reception

Monday 03 September – Morning Session

UPB Rectorat Building AN010

09:00-09:05 Mihaela Albu (University Politehnica of Bucharest) & Maria Brucoli (EDF Energy R&D), Symposium Co-Chairs
Welcome to Bucharest

09:05-09:20 Anton Anton (Minister for Energy, Romania) & Ioan Dumitrache (Romanian Academy)
Official Opening of the Bucharest 2018 Symposium on Microgrids

09:20-09:30 Nikos Hatziargyriou (NTUA & HEDNO), Symposium Steering Com. Chair
The Microgrid Symposium Tradition

09:30-11:00 Europe Session 1

Chairs: Diana Strauss-Mincu (DERlab) & Samuli Honkapuro (Lappeenranta U. of Tech.)

09:30-09:50 Nikos Hatziargyriou (NTUA & HEDNO), Symposium Steering Com. Chair
Overview of Microgrids in Europe

09:50-10:00 *Discussion*

10:00-10:20 Christian Dumbs (INTERFLEX)
Project Enedis tbc

10:20-10:30 *Discussion*

10:30-10:50 Josep Guerrero (U of Aalborg)
Maritime Microgrids

10:50-11:00 *Discussion*

11:00-11:30 **Coffee Break**

11:30-12:30 Europe Session 2

Chairs: Johan Driesen (KUL, tbc) & Jan Von Appen (Fraunhofer IEE)

11:30-11:50 Goncalo Mendes (Lappeenranta U. of Tech.)
LUT developments on microgrid-related research

11:50-12:00 *Discussion*

12:00-12:20 Enrico De Tuglie (Polytechnic University of Bari)
The Prince Lab microgrid test bed

12:20-12:30 *Discussion*

12:30-13:30 **Lunch**

Monday 03 September – Afternoon Session

13:30-15:30 THE AMERICAS Session

Chairs: James Cale (Colorado State U) & Farid Katiraei (Quanta)

13:30-13:50 Brian Miller (NREL) – United States and DOE Overview
Dave Turcotte (NRCAN) – Canada
Guillermo Jimenez (U of Chile) – Central and South America
Overview of Microgrids in The Americas

13:50-14:00 *Discussion*

14:00-14:20 **Mohammad Shahidehpour (IIT, Chicago)**
Transactive Energy in Networked Microgrids

14:20-14:30 *Discussion*

14:30-14:50 **Alex McEachern (Power Standards Lab)**
The Future of Stability Measurements on Microgrids

14:50-15:00 *Discussion*

15:00-15:20 **Frank Bergh (Sigora)**
Microgrid Development in Haiti

15:20-15:30 *Discussion*

15:30-15:45 **Group Photo Shoot**

15:45-16:00 **Short Break**

16:00-17:30 PANEL Session : Local Energy Communities

Chair: Chris Marnay (Berkeley Lab) & Hiroshi Asano (CRIEPI)

16:00-17:30

- Dimitris Tsekeris, (Greek Ministry of Energy) (confirmed)
- Stanislas D'Herbemont (RESCoop) invited
- Maria Bruccoli (EDF Energy R&D) confirmed
- Nan Zhou (Berkeley Lab) confirmed
- Ermin Wei (Northwestern U) invited
- Mihai Sanduleac (UPB) invited / Yiannis Vlachos invited

17:30-18:00 **Move to Hotels**

19:30-22:30 **Symposium Dinner**

Tuesday 04 September – Morning Session

9:30-10:30 POSTER Introduction Session

Chairs: Maria Brucoli (EdF R&D) & Shigeru Bando (CRIEPI)

9:30-10:30 Each poster presenter gives a 3 min teaser:
poster 1, poster 2, poster 3, poster 4, poster 5,
poster 6, poster 7, poster 8, poster 9, poster 10,
poster 11, poster 12, poster 13, poster 14, poster 15,
poster 16, poster 17, poster 18, poster 19, poster 20

10:30-11:30 **Coffee break and posters visit**

11:30-12:30 **microPANEL on emerging technologies for microgrids**

Chairs: Mohammad Shahidehpour

11:30-12:30

- **Petru Ruset (Siemens Romania)**
- **Hamideh [ABB]**
- RTDS - Arun (tbc); Triphase? (tbc),..
- Martti Ylikoski (Nokia), tbc
- Someone from monitoring/control...?
- Paul Roege Typhoon HIL??

12:30-13:30 **Lunch**

Tuesday 04 September – Afternoon Session

13:30-15:30 **ASIA Session**

Chairs: Saad Sayeef (CSIRO) & Alex Chong (A*STAR)

13:30-13:50 **Pierluigi Mancarella (U of Melbourne) & Meiqin Mao (Hefei U of Tech.)**

Overview of Microgrids in Asia

13:50-14:00 *Discussion*

14:00-14:20 **Zhaoxia Xiao (Tianjin Poly. U)**

Coordination Control of DC shipboard Microgrid

14:20-14:30 *Discussion*

14:30-14:50 **Markson Tang (tbc)**

Developing Island Microgrids in Southeast Asia

14:50-15:00 *Discussion*

15:00-15:20 **Hak-Man Kim (Incheon National U)**

Resilient Hybrid Technology for High-Value Microgrids (RHYTHM)

15:20-15:30 *Discussion*

15:30-16:00 **Break**

16:00-17:30	REMOTE Session (Shorter!) Chairs: Dave Turcotte (NRCan) & Xavier Vallve (TTA)
15:00-15:20	Dongjun Won (Inha U) Overview of DC Island Microgrid in Korea [to be presented by KEPCO]
15:20-15:30	<i>Discussion</i>
15:30-15:50	Saikat Chakrabarti (Indian Institute of Technology Kanpur) tbc
15:50-16:00	<i>Discussion</i>
16:00-16:20	Michael Ross (Yukon College), Farid Katiraei (Quanta) & Dave Turcotte Remote Microgrids in Canada
16:20-16:30	<i>Discussion</i>
16:30-16:50	Arnaud Henin (Gommyr) Solar-Battery Microgrids vs. Solar Home Systems
16:50-17:00	<i>Discussion</i>
17:00-17:20	Chun-Der Chang (CHEM) Penghu Dongjiyu Microgrid Enhancement
17:20-17:30	<i>Discussion</i>

Wednesday 5 & Thursday 6 September – Post-Symposium Technical Tour

09:00	Bus departure from Bucharest
12:15	Arrival in Constanta
12:15-13:15	lunch
16:00	Arrival in Tulcea
09:00	Departure from Tulcea for Delta boat trip
17:30	Bus departure from Tulcea
19:00	Arrival in Bucharest