



Venice  
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University

## Venice International University International PhD Academy Global Challenges Initiatives: SUSTAINABLE ENERGY

Venice International University  
July 9-13, 2018

### Faculty

- Mohamed Chaker, Prof., INRS
- Stefano Cordiner, Prof., University of Rome «Tor Vergata»
- Frank Tsung, Prof., Boston College
- Ana C. Tavares, Prof., INRS
- Dunwei Wang, Prof., Boston College
- Vincenzo Mulone, Prof., University of Rome « Tor Vergata »
- Laurence Croguennec, Dr, CNRS- ICMCB, University of Bordeaux
- Laurent Servant, Prof., University of Bordeaux - ISM

### Agenda

Monday July 9<sup>th</sup> 2018

Day 2-Energy

9:00-9.15	<i>Welcome coffee and registration</i>
9.15-9.30	Opening and Introduction
9.30-12.30	General overview: integration of different modes, the role of transportation, energy efficiency <b>Stefano Cordiner</b>
13.45-15.00	My Poster in 3 mins <b>Students</b>
15.00-17.30	Utilization of energy (Distributed Generation, smart grids, integration of renewables). <b>Stefano Cordiner</b>



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**Tuesday July 10<sup>th</sup> 2018**  
**Day 3-Energy and Soft Skills**

<b>9.30-12.30</b>	Production of energy (biomasses, wind, geothermal, etc.). <b>Vincenzo Mulone</b>
<b>14.00-17.30</b>	Soft skills session

**Wednesday July 11<sup>th</sup> 2018**  
**Day 4-Electrochemical devices**

<b>9.30-12.30</b>	Electrochemical production and Energy storage (Fuel Cells, Batteries, PV) <b>Dunwei Wang</b>
<b>13.45-15.00</b>	Poster presentation I <b>Students</b>
<b>15.00-17.30</b>	Electrochemical conversion of chemicals to add-value products (electrolyzers) <b>Ana Tavares</b>
<b>Evening</b>	<i>Social Dinner</i>

**Thursday July 12<sup>th</sup> 2018**  
**Day 5 - Materials**

<b>9.30-12.30</b>	Chemical synthesis of nanostructured materials and thin films <b>Dunwei Wang</b>
<b>13.45-15.00</b>	Poster presentation II <b>Students</b>
<b>15.00-17.30</b>	Physical synthesis of nanostructured materials and thin films <b>Mohamed Chaker</b>

**Friday July 13<sup>th</sup> 2018**  
**Day 6-Materials and Wrap-up**

<b>9.30-12.30</b>	Advanced characterization <b>Laurence Croguennec / Laurent Servant</b>
<b>13.45-17.00</b>	Final discussions and Wrap-up <b>All</b>

