

## INTERNATIONAL SUMMER SCHOOL Energy Transition

**4<sup>th</sup> – 6<sup>th</sup> June 2018**  
**Lisbon - Portugal**

The challenges put by the ongoing climate change impose the need to decarbonize energy production and use, which requires a cross-cut transformation of the whole society. Not only the energy production and distribution systems have to be profoundly transformed, but also cities, transports, economy, public institutions and even citizenship.

This summer school aims to approach all the different subjects related to the society transformation with and for the Energy Transition. The Summer School is designed for PhD students, academic researchers, professionals, business persons and political representatives responsible for public policy. The school will open with a description of the future climate conditions on the European southwest region. Energy production, storage and distribution will be then discussed. The first day will be concluded with a presentation on sustainable economy and a round-table on urban and industrial metabolism and circular economy.

On the second day we will learn about the future cities, sustainable mobility, urbanism and net-zero energy buildings. Next, we will learn about the future energy grids and the energy systems' management, regulation and communication will be discussed on a round-table. The final day will start with a presentation on policies for the energy transition and the summer school will be concluded with a World Café activity where the participants will interact and develop ideas and solutions based on the knowledge acquired during the three days.

**Venue:** Amphitheatre Caleidoscópico,  
Campo Grande 1700-162 Lisbon

FREE ATTENDANCE

Registration mandatory [HERE](#)



## INTERNATIONAL SUMMER SCHOOL

### First Day: 4<sup>th</sup> June

- ❖ 09.00 Registration
- ❖ 09.30 Welcome & Open session
- ❖ 10.00 Conference: *The need to adapt to the future climate conditions in southwest Europe,*
  - Pedro Soares (FC-UL)
- ❖ 11.00 Coffee break
- ❖ 11.30 Technologies for energy transition: *Generation & Storage,*
  - José Silva (FC-UL)
- ❖ 12.30 Demand response and the provision of flexibility services: *the role of DSOs,*
  - Daniel Davi (University of Barcelona)
- ❖ 13.30 Lunch break
- ❖ 14.30 Conference: *"Sustainable economy: Growth or Wellbeing?"*
  - Olivia Bina (ICS-UL)
- ❖ 15.30 Coffee break
- ❖ 16.00 Round table: *Urban and industrial metabolism, life-cycle analysis and circular economy*
  - Catarina Roseta Palma (ISCTE-IUL)
  - Ana María López Sabirón (CIRCE-Zaragoza)
  - Carla Silva (FC-UL)
- ❖ 17:30 End of the day sessions



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### Second Day: 5<sup>th</sup> June

- ❖ 09.00 *Conference: The future cities*
  - Maria João Rodrigues (Lisboa-Enova - Lisbon Energy Agency)
- ❖ 10.00 *Coffee break*
- ❖ 10.30 *Sustainable cities: Sustainable urbanism, sustainable mobility, Net zero energy buildings,*
  - Cláudia Monteiro (IST-UL)
  - Corinne ALONSO (University Paul Sabatier - Toulouse)
  - Paulo Cambra (IST-UL)
- ❖ 12.30 *Lunch + visit to solar campus*
- ❖ 14.30 *Conference: Future energy grid (Smart grid v super grid),*
  - Miadreza Shafie-khah (Universidade de Beira Interior)
- ❖ 15.30 *Coffee break*
- ❖ 16.00 *Round table: Energy systems management and regulation, communication networks and data harvesting*
  - Manuel Villa (FUNSEAM-Universitat Politècnica de Catalunya)
  - Paulo Viegas (EFACEC)
  - Miguel Castro Neto (Nova Business School)
- ❖ 17:30 *End of the day sessions*



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### Third Day: 6<sup>th</sup> June

- ❖ 09.00 *Conference: Policies for the energy transition and the role of the citizen.*
  - *Conference: Policies for the energy transition and the role of the citizen, Sofia Simões (FCT-NOVA)*
- ❖ 10.00 *Coffee break*
- ❖ 10.30 *World café: How to build a zero-carbon society?*
- ❖ 13.00 *Summer school closing,*

