



## Workshop on Emerging Technologies for Energy

<http://ete17.dcc.fc.up.pt>

Monday 18<sup>th</sup> December 2017

9:20 - 9:45	Opening
9:45 - 10:45	<b>Alexei A. Kornyshev</b> , Imperial College London, UK <i>Electrochemistry for energy generation and storage: new scenarios navigated by theory</i>
10:45 - 11:15	Coffee Break
11:15 - 11:45	<b>Telmo Machado</b> , LIPOR <i>Harnessing energy from waste</i>
11:45 - 12:30	<b>Verónica Bermudez</b> , UTAD <i>Biopolymers and biohybrids for Electrochromic Devices, Batteries and Fuel Cells</i>
12:30 - 14:00	Lunch
14:00 - 14:45	<b>Alexandra Pinto</b> , FEUP <i>Hydrogen and advanced (BIO)Fuel cells: a key role in the transition towards circular economy</i>
14:45 - 15:15	<b>Inês Henriques</b> , Ynvisible <i>Ultra low power consuming printed displays as the face of the Internet-of-Things</i>
15:15 - 16:00	<b>Lifeng Liu</b> , INL <i>Development of efficient and cost-effective water splitting electrocatalysts for sustainable energy storage</i>
16:00 - 16:30	Coffee Break

<b>16:30 - 17:15</b>	<b>Fátima Montemor, IST-UL</b> <i>Redox active metal compound materials at the core hearth of new solutions for hybrid electrochemical energy storage. A perspective view.</i>
<b>17:15 - 17:45</b>	<b>Clara Pereira, LAQV - WESStoreOnTEX</b> <i>New Horizons on Flexible Energy Storage Devices: in the Era of Wearable Electronics</i>
<b>17:45 - 18:15</b>	<b>Helena Aguilar, CeNTI</b> <i>New materials and emerging energy technologies towards a sustainable-minded innovation strategy</i>

Tuesday 19<sup>th</sup> December 2017

9:00 - 10:00	<b>Zhong L. Wang</b> , Georgia Institute of Technology, Atlanta, USA <i>From Maxwell's displacement current to nanogenerator driven self-powered systems and blue energy</i>
10:00 - 10:30	<b>André Pereira</b> , inanoEnergy <i>Energy Harvesting @ inanoEnergy: a Pathway from Academy towards Business (A2B)</i>
10:30 - 11:00	Coffee Break
11:00 - 11:45	<b>Lars Montelius</b> , INL <i>Nanotechnology the next decade: A Key Enabler for Disruptive and Meaningful Innovations</i>
11:45 - 12:30	<b>Andrei Kovalevsky</b> , DMAC-UA <i>Oxide thermoelectrics: approaches and challenges for high-temperature energy harvesting.</i>
12:30 - 14:00	Lunch
14:00 - 15:00	<b>Brian Korgel</b> , University of Texas at Austin, USA <i>Solar Paper For Powering the Internet of Things</i>
15:00 - 15:30	<b>Carla Portela</b> , BLC3 <i>Biorefineries: a Tool for Circular Economy</i>
15:30 - 16:00	<b>Victor Marques</b> , Toyota <i>Toyota's mobility vision: Electric Vehicles (EV), Hybrid Electric Vehicles (HEV), Plug-in Hybrid Electric Vehicles (PHEV) and Fuel Cell Vehicles (FCV)</i>
16:00 - 16:30	Coffee Break
16:30 - 17:15	<b>Manuel Heitor</b> , Minister for Science, Technology and Higher Education <i>AIR Center initiative</i>
17:15 - 18:00	<i>Panel Session on the AIR Center Initiative</i> Moderator: <b>José Manuel Mendonça</b> , INESC TEC

Wednesday 20<sup>th</sup> December 2017

9:00 - 9:45	<b>Jorge Morgado</b> , IST-UL <i>New technologies for solid state lighting</i>
9:45 - 10:30	<b>Adélio Mendes</b> , FEUP <i>Beyond cheap renewable electricity: the new challenge of storing energy</i>
10:30 - 11:00	Coffee Break
11:00 - 11:30	<b>Cristina Correia</b> , Prio Energy <i>Energy for mobility in the future: a perspective from Prio Energy.</i>
11:30 - 12:15	<b>Luís Rebouta</b> , DF - UMinho <i>High temperature solar thermal systems</i>
12:15 - 12:45	<b>Alexandre Gaspar</b> , Navigator <i>Pulp-and-paper mills as future biorefineries: The Navigator Company Perspective</i>
12:45 - 14:00	Lunch
14:00 - 14:30	<b>Andreia Peixoto</b> , InnovCat <i>INNOVCAT on the route of biofuels and bioproducts from biomass</i>
14:30 - 15:15	<b>Maria Helena Braga</b> , FEUP – UT Austin <i>High voltage solid-dielectric battery</i>
15:15 - 16:00	<b>Teresa Ponce de Leão</b> , LNEG, Portugal <i>Energy Transition   Contributes from LNEG</i>
16:00 - 16:30	Coffee Break
16:30 - 17:00	Closing Session with the presence of UP Pro-Rector for Innovation and Entrepreneurship

## Venue:

Auditorium Professor Ferreira da Silva, FC6  
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