

FUNCTIONAL NANOPOROUS CARBONACEOUS MATERIALS WORKSHOP

28/02/2020

Sana Malhoa Hotel · Lisbon · Portugal

www.porous-4app.eu

Organised by

LEITAT
managing technologies

Opening

09.20h David Amantia, **Leitat**

Theoretical Advances

09.30h Sabina Nicolae, **Imperial College of London**

Dark solutions for a brighter future: Sustainable carbon materials for energy storage and environmental application

09.50h Alain Ngandjong, **Université de Picardie / Centre National de la Recherche Scientifique**

Multiscale Modelling of the Fabrication Process of Lithium Ion Batteries

Labscale Demo

10.10h Sandra Martínez, **Leitat**

Mesoporous carbons: porosity control

10.30h Hubert Mutin, **Université de Montpellier / Centre National de la Recherche Scientifique**

Recent developments in non-hydrolytic sol-gel

10.50h COFFEE BREAK

11.20h Nieves López Salas, **Max Planck Gesellschaft**

Noble carbons potential in the field of carbocatalysis

11.40h Duncan Macquarrie, **University of York**

Synthesis of N-doped Starbons

12.00h Vanessa Fierro, **Université de Lorraine / Centre National de la Recherche Scientifique**

Ordered and disordered mesoporous carbons derived from tannins: synthesis and applications

Upscale Demo

12.20h Peter Hurst, **BDC**

Biorenewables from gram to kilo: optimising feedstocks, improving processes and valorising by-products

12.40h Vicenç Pomar, **Leitat**

Assessing the potential exposure to airborne emissions of engineered nanomaterials

13:00 - LUNCH BREAK

Applications

14.00h Harald Kren, **Varta**

New Materials for New Generations of Lithium Ion Batteries

14.20h Gregory Goodlet, **Johnson Matthey**

Catalytic Applications of Tuneable Carbons

14.40h Camelia Ghimbeu, **Université de Haute Alsace / Centre National de la Recherche Scientifique**

Important factors impacting the performance of carbon materials in energy storage devices

15.00h Inmaculada Murillo, **Ibercat**

Nanoporous carbonaceous catalysts for biomass conversion processes

Closure

15:20h. David Amantia, **Leitat**