Meetings International



International Conference on

Nuclear Energy

&

8th World Congress on

Material Chemistry & Nanomaterials

September 23-24, 2019 | Paris, France

September 23, 2019 **Conference Agenda** **Day 1**

Conference Hall: Paris

09:00-09:15	**Registrations**
09:15-09:30	**Introduction by Moderator**
09:30:10:10	**Keynote Forum** **Title: Scale economies in extended SNF storage** **Goffery Rothwell**, OECD, France
10:10-10:50	**Multi-scale design for structural energy devices** **Xinhua Liu**, Imperial College London, UK

Group Photo 10:50-10:55 @ Foyer

Group Photo & Networking & Refreshment Break 10:55-11:15 @ Foyer

11:15-11.55	**Keynote Forum** **Title: Some preliminary thermal-hydraulic safety analysis on the NHR-200II reactor** **Yan Wang**, Institute of Nuclear and New Energy Technology, China
11:55-12:35	**Title: Novel HLC-HA-CCS and PVA-CMC-PEG hydrogels for wound dressing** **Chenhui Zhu**, Northwest University, China
12:35-13:15	**Title: Functionalized AL2O3 nanoparticles from superhydrophobic derived surfaces to enhanced oil recovery applications** **Shirin Alexander**, Swansea University, UK

Lunch Break 13:15-14:15 @ Restaurant Food and More

14:15-14:55	**Keynote Forum** **Title: Controlling sintering to obtain nano/submicronic microstructures: From the modeling to advanced approaches like flash sintering/synthesis** **Charles Maniere**, Normandie University, France
14:55-15:55	**Workshop** **Title: Estimating new nuclear power costs: Calculating the levelized cost of electricity** **Goffery Rothwell**, OECD, France

Oral Session I:
Goffery Rothwell, OECD, France Nuclear Reactions | Nuclear Reactor | Nuclear Materials | Nuclear Fuel | Nuclear Radiation

Session Chair: Goffery Rothwell, OECD, France

15:55-16:15
Title: Right of recourse under nuclear civil liability law of India
Ramandeep Singh Sidhu, Bathinda Colleage Of Law, India

16:15-16:35
Title: Nuclear plants as an option to help decarbonising the European and French heat sectors : A techno-economic prospective analysis
Martin Louis Georges Leurent, 7 Square Dunois, France

16:35-16:55
Title: AEGIS® reactor pump protection ring protect fFace seal from electrical erosion
William Klock, ITW Company, France

Networking & Refreshment Break 16:55-17:10 @ Foyer

Oral Session II:
Analytical Techniques and Instrumentation | Nanomaterials and Nanotechnology | Characterization and Testing of Materials | Materials Science and Engineering | Ceramics and Magnetic Materials

Session Chair: **Shirin Alexander**, Swansea University, UK

17:10-17:30
Title: Non-wovens carbon nanofibers doped and covered with carbon nano-tubes as binderless hybrid hierarchical electrode for lithium storage
Elaine Y. Matsubara, University of Sao Paulo, Brazil

17:30-17:50
Title: From high temperature superconductivity to li-ion battery
Maw-Kuen Wu, Institute of physics, Taiwan

Conference Adjournment

September 24, 2019 **Day 2**

Networking & Lunch 13:00-14:00 @ Restaurant Food and More

