

**Joint Event On
ENVIRONMENTAL SCIENCE
NEUROLOGY & NEURO DISORDERS,
WOMEN'S HEALTH & GYNECOLOGY, AND
MATERIAL SCIENCE & NANOTECHNOLOGY**

**November 11-12, 2024, Paris, France
voco Paris Porte de Clichy, an IHG Hotel**



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SCIENTIFIC PROGRAM

DAY 01 - November 11, 2024

voco Paris Porte de Clichy, an IHG Hotel
Paris, France

9:00 AM - 9:30 AM Registration and Opening Ceremony

Keynote Forum-1

9:30 - 10:15 Micropollutants removal by enzymes immobilized on 3D materials.

Jakub Zdarta, Poznan University of Technology, Poland

10:15 - 11:00 Role of water for a sustainable future.

Amithirigala Widhanelage Jayawardena, The University of Hong Kong, Hong Kong

Refreshments and Networking Break 11:00-11:20

11:20 - 12:05 Nanoscale and atomistic exploration pathways to new materials discovery. From energy system to medical devices.

Mohini Sain, University of Toronto, Canada

Speaker Session

12:05 - 12:40 Securing Soil: the need for interdisciplinary cooperation to ensure food, national and international security.

Céline Basset, Conservatoire Nationale des Arts et Métiers, France

12:40 - 1:15 Microalgae-Bacteria Interactions in Metal Removal: Pathways to Sustainability and Clean Energy.

Fiaz Ahmad, Northwestern Polytechnical University, China

Networking Lunch Break 13:15-14:00

14:00-14:35 Valorization of Digestate Sewage Sludge Through Hydrothermal Carbonization to Produce Hydrogen Peroxide.

Martin Muñoz-Morales, University of Castilla La Mancha, Spain

14:35-15:10 An Analysis of the Biocompatibility, Cytotoxicity, and Bone Conductivity of Polycaprolactone: An In Vivo Study.

Wâneaza Dias Borges Hirsch, Federal University of Santa Maria, Brazil

15:10-15:45 Sustainable removal of micropollutants from water using biomass waste-derived activated carbon.

Chiraz Hannachi, University of Tunis El Manar, Tunisian

Refreshments and Networking Break 15:45-16:00

16:00-16:35 Surface treatment, microstructure, wettability, and corrosion resistance of ultrafine grain Ti G4 and Ti-30Nb-7Zr alloy for biomedical applications.

Carlos Nelson Elias, Instituto Militar de Engenharia, Brazil

16:35-17:10 Dose rate and risk estimates by MCNP Monte Carlo N-Particle and HotSpot Health Physics Code in the case of a nuclear accident with the release of radioactive material into the environment.

Juliana de Sá Sanchez, Federal University of Rio de Janeiro, Brazil

Poster Presentations @17:10-18:00

PO-001 Thermally Labile Organic-Soluble Heterometal Diorganophosphate-Derived Efficient Electrodes for Oxygen Electrocatalysis.

Ms. Savi Chaudhary, Department of Chemistry, IIT Bombay, India

PO-002 Biocatalytic membranes preparation and properties characterisation.

Agata Zdarta, Poznan University of Technology, Poland

Networking and Day Closing

SCIENTIFIC PROGRAM

DAY 02 - November 12, 2024

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Keynote Forum-2

- 9:00 - 9:45 **Malnutrition assessment by Global Leadership Initiative on Malnutrition (GLIM) criteria in patients with amyotrophic lateral sclerosis**
Michele Barone, *University of Bari Aldo Moro, Italy*
- 9:45 - 10:30 **Serum Exosome Detection of AD Biomarkers and White Matter Pathology in a Sporadic Model of Alzheimer's Disease: Promise for Liquid Biopsy Diagnostics and Therapeutic Monitoring**
Suzanne M. de la Monte, *Alpert Medical School of Brown University, USA*
- 10:30 - 11:15 **The future of neuroscience education, from active learning to the metaverse.**
Stefano Sandrone, *Imperial College London, UK*

Refreshments and Networking Break 11:15-11:30

Speaker Session

- 11:30 - 12:05 **How topographic diffusion weighted imaging patterns can predict the potential embolic source of embolism.**
Yasumasa Yamamoto, *Kyoto Katsura Hospital, Japan*
- 12:05 - 12:40 **Personalized medicine: An application within the comorbid traumatic brain injury and post-traumatic stress disorder military population with a particular focus on special operators.**
Nicole Moret, *Uniformed Services University of the Health Sciences, USA*
- 12:40 - 1:15 **Neuroeducation: An innovative strategy to improve university practice.**
Martha Esther Guerra Muñoz, *Universidad Popular del Cesar, Colombia*

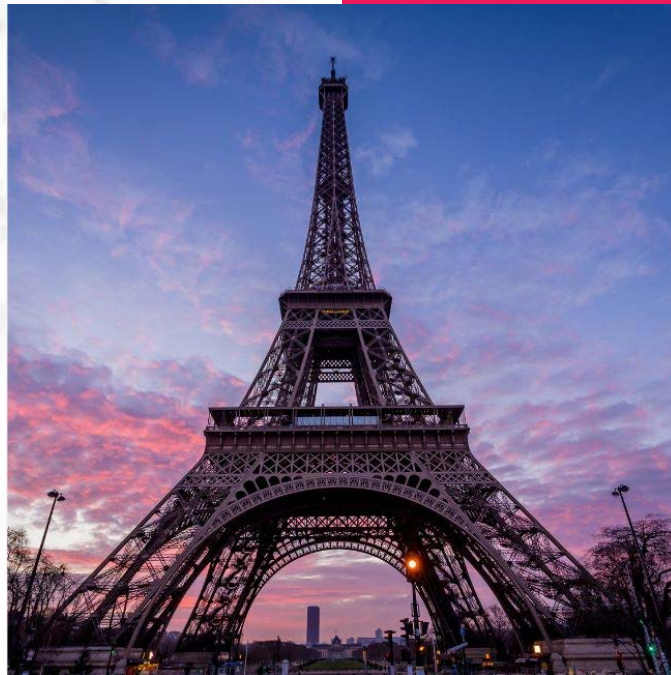
Networking Lunch Break 13:15-14:00

- 14:00-14:35 **Magnetic Stimulation of the Facial Nerve as an Emergency Treatment for Stroke.**
Emilio Sacristan, *Metropolitan Autonomous University, Mexico*
- 14:35-15:10 **The COVID-19 outbreak has provided a crucial lesson: The need to assess attention deficit in workers during stressful situations.**
Sergio Luis Schmidt, *Federal University of Rio de Janeiro, Brazil*
- 15:10-15:45 **What do women with epilepsy know about pregnancy?**
Miyalani G Baloyi, *Obstetrics and Gynecology, Pretoria, South Africa*
- 15:45-16:20 **Experimental and theoretical of Magnetocaloric Effect at Room Temperature in Magnetic Materials Based on Transition and rare-earth elements.**
Rachid Masrour, *Université Sidi Mohamed Ben Abdellah, Morocco*
- 16:20-16:55 **Effect of Young Plasma Therapy on Cognition, Oxidative Stress, miRNA-134, BDNF, CREB, and SIRT-1 Expressions and Neuronal Survey in the Hippocampus of Aged Ovariectomized Rats with Alzheimer's.**
Habibi, Parisa, *Tehran University of Medical Sciences, Iran*

Coffee Break, Networking and Day Closing 16:55 - 17:30



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