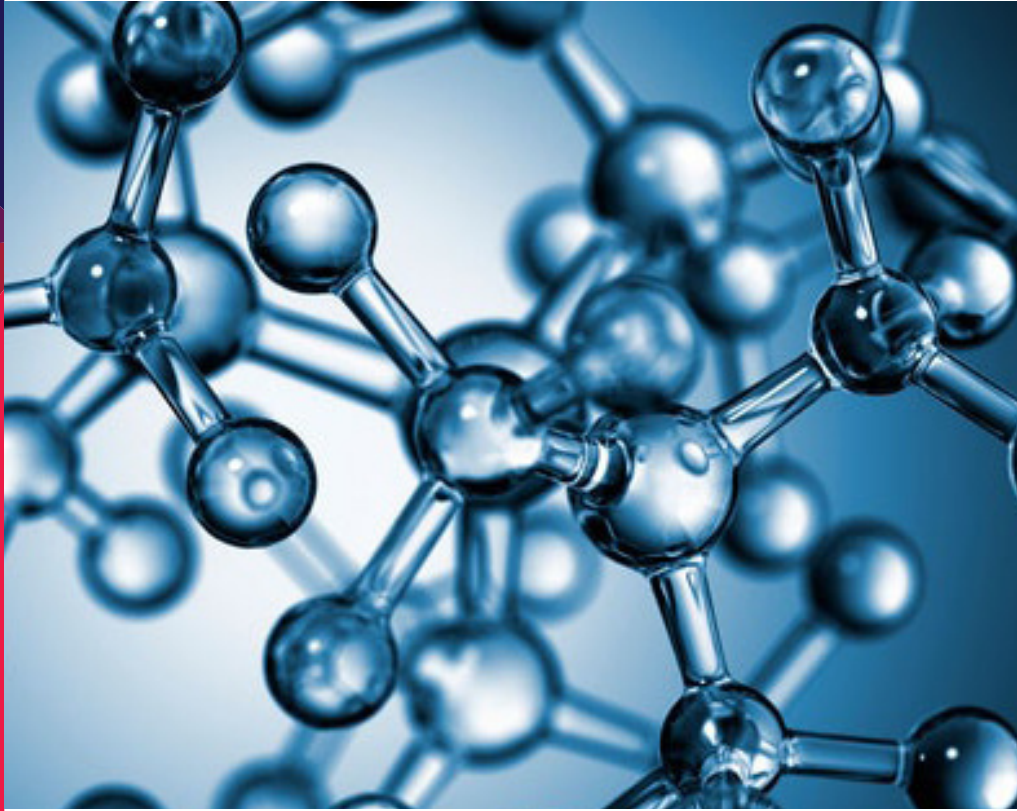


Scientific Program



35th International Conference on

Nanotechnology & Expo

&

26th International Conference on

Advanced Materials & Nanotechnology

November 15, 2021 | Webinar

Sessions will be hosted in GMT+1 (UK Timings)

Opening Ceremony



08:50-09:00 Introduction

Keynote Session

09:00-09:30

Title: Multicomponent high-entropy cantor alloys

Brian Cantor, University of Oxford, UK

Sessions: Nanotechnology | Nanomedicine and Nano Biotechnology | Nanotoxicology | Nanoparticles and Nanomaterials
Nanoelectronics and Information Technology | Graphene and Fullerenes | Advanced Materials Engineering | Advanced
Functional Materials | Advancement in Nanomaterials Science and Nanotechnology | Biomaterials & Bio-devices

Chair: Jacopo Iannacci, Fondazione Bruno Kessler, Italy

09:30-10:00

Title: n-type Ni-Co-MOF anchored on precursor-free p-type 1D CuO for energy storage devices

Iftikhar Hussain, City University of Hong Kong, Hong Kong

10:00-10:30

Title: Preparation of nano suspensions for heat recoveries and enhanced energy transportation

Waqar Ahmed, Malaysia-Japan International Institute of Technology, Malaysia

10:30-11:00

Title: The WEAf mnecosystem – perspective vision of micro/nano technologies and materials as pillars of future 6G, super-IoT and tactile internet

Jacopo Iannacci, Fondazione Bruno Kessler, Italy

11:00-11:30

Title: Magnetotherapy in support of targeted anti-cancer therapies based on the application of magnetoliposomes as nanocarriers of anti-cancer drugs

Edyta Maroń, University of Warsaw, Poland

11:30-12:00


Title: New degradable nanogel based on poly(N-vinyl-2 pyrrolidone) for effective dissemination of active substances

Ewelina Waleka-Bargiel, University of Warsaw, Poland

12:00-12:30


Title: Combined formulation of doxorubicin-Arg-Gly-Asp (RGD) and modified PEGylated PLGA-encapsulated nanocarrier improves anti-tumor activity

Stanley Moffatt, Regent University College of Science and Technology, Ghana



12:30-13:00 **Title: Design of plated/shell structures under flutter constraints-unidirectional laminates, nanostructures and porous functionally graded materials**
Justyna Flis, Cracow University of Technology, Poland

Lunch Break 13:00-13:20



13:20-13:50 **Title: Status and prospect of Al alloys for additive manufacturing**
Srdjan Milenkovic, IMDEA Materials Institute, Spain

13:50-14:20 **Title: Brightening up brain Injuries-The design, synthesis and characterization of a P.E.T. diagnostic agent for neuronal trauma**
Jessica Allingham, Lakehead University, Canada

14:20-14:50 **Title: Energy security: The world's last parachute**
Pourya Zarshenas, Shahid Beheshti University(SBU), Iran

14:50-15:20 **Title: Gold nanoparticle decorated paper electrode assemblies for sensor applications**
Hilal Torul, Gazi University, Turkey



15:20-15:50 **Title: Engineered micro-nano-hetero-structures susceptible of revolutionizing nuclear energy**
Liviu Popa-Simil, LAAS, USA

Award & Closing Ceremony

