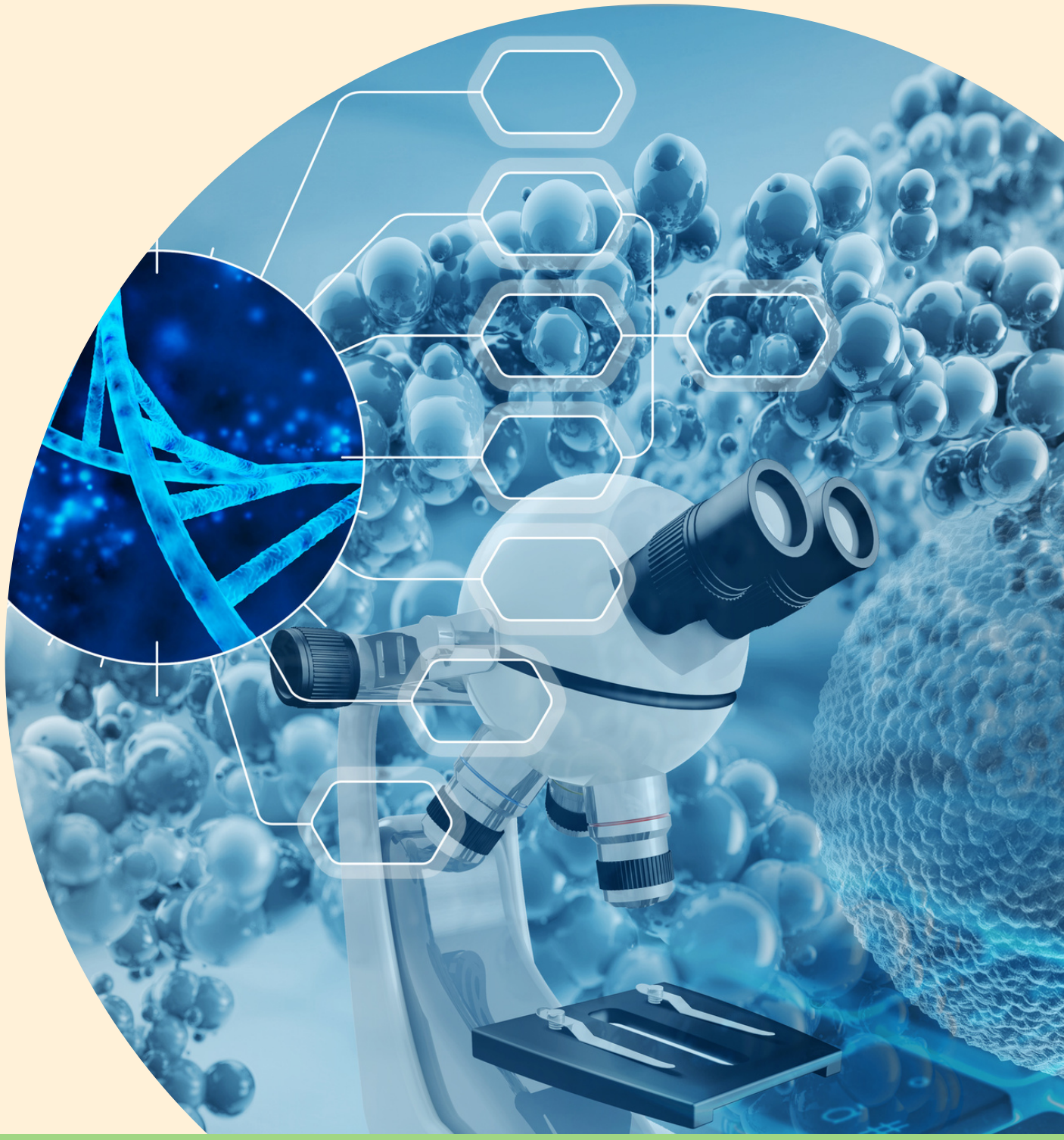
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26TH INTERNATIONAL CONFERENCE ON

ADVANCED MATERIALS & NANOTECHNOLOGY

NOVEMBER 15-16, 2021 MADRID, SPAIN



TENTATIVE PROGRAM

Keynote Speakers

Analytical predictive modeling in the design for reliability of electronic and photonic materials, structures and systems
Ephraim Suhir, Portland State University, USA

Multicomponent High-Entropy Cantor alloys
Brian Cantor, University of Oxford, UK

TBA
Alireza Heidari, California South University, USA

Science and modern pseudoscience
V. B. Cherepennikov, Newton Society, Russia

TBA
Pramod Kumar, QuantLase Imaging Laboratory, UAE

Featured Speakers

Hydrogen generation and accumulation in steel and graphite irradiated by neutrons in inert environment
Krasikov E., National Research Centre, Russia

Magnetism in 2D Flatlands
Eui-Hyeok Yang, Stevens Institute of Technology, USA

Bioenergy, environment and sustainable development
Abdeen Mustafa Omer, Energy Research Institute, United Kingdom

Humidity responsive Polymer/Gold nanoparticles based hybrid Aerogel for real time Monitoring of Human breath
Israt Ali, Cginese Academy of Sciences, China

Response of phenological stages to climatic extremes affcting citrus yield and quality
Khurshid T, Australian Centre for International Agriculture Research, Australia

Radical scavenging activity of flavonoids increased by metal ions
Rui-Min Han, Renmin University of China, China

Creating materials with a desired refraction coefficient
Alexander G. Ramm, Kansas State University, USA

Construction of vertical boreholes for closed loop heat pump systems: Geoexchanger System for Buildings Heating and Cooling
Energy Research Institute (ERI), Nottingham, United Kingdom

Synthesis of ATP by endogenous UV radiation
Thomas V. Prevenslik, QED Radiations, Germany

Theoretical study of structural and electronic properties of pure and fluorine-doped ZnO
Beloufa Nabil, National School Polytechnic Maurice Audin, Algeria

Dye adsorption on UiO-66: The importance of electrostatic attraction mechanism
Tran Ba Luan, Vinh Long University of Education technology, Vietnam

Experimental and Characterization Studies on Micro Direct Methanol Fuel Cell
Muthuraja Soundrapandian, School of Electronics Engg, VIT, India

DFT, MP2 and MP4 Investigations of Calcium Phosphates (X3(PO4)2, X=Ca, Mg, Zn, Sr) Materials for Biomedical Applications
Adam Mohammed Adam Bakheet, University of Gezira, Sudan

Efficient synthesis of pure bulk black phosphorus and highquality exfoliation of phosphorene
Faissal El Manjli, Cadi Ayyad University, Morocco

Biogenic synthesis enhanced structural, morphological, magnetic and optical properties of zinc ferrite nanoparticles for moderate hyperthermia applications
Samson O. Aisida, University of Nigeria Nsukka, Nigeria

Effect of milling on the Structural, magnetic and catalytic properties of zinc ferrite synthesized by microwave combustion method
M.H. Mahmoud, Jouf University, Saudi Arabia

SPEAKER & KEYNOTE SLOTS AVAILABLE