PLENARENO
MATERIAL SCIENCE &
NANOTECHNOLOGY
CONFERENCE (LIVE)

NOVEMBER 16-17, 2020

Website: https://materialscience-nanotech.plenarenno.com

Endorsed by

European Materials Research Society

SERBIA MRS
Conference Central Topics

Material Science and Engineering
Nanotechnology and Nanoscience
Polymer Science and Technology
Biomaterials and Tissue Engineering
Biomedical Devices and Biomedical Engineering
Ceramic Coatings and Composite Materials
Mechanical and Metallurgical Engineering
Optics and Photonics
Nanomedicine and Nanomaterials
Graphene and Carbon Nanotechnology
Smart and Emerging Materials

PMSN Conference 2020

Plenareno Materials Science and Nanotechnology conference (LIVE) endorsed by European Materials Research Society (E-MRS) and Material Research Society of Serbia (S-MRS) provides the exchange of ideas on recent advances & breakthroughs in the areas of materials research, nanotechnology, polymer science, metallurgy, ceramics and biomaterials on a global platform with experts from the same field of studies and from different parts of the world.

The theme of the webinar is “To discuss the advancements in materials research and applications of nanotechnology”.
Event Partners

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Industry Events

3Dprint.com
SCIENTIFIC PROGRAM

Plenareno Material Science and Nanotechnology Conference
KEYNOTE SESSION

OSMAN ADIGUZEL
Firat University, Turkey

BULK AND NANO SCALE ASPECTS OF SHAPE REVERSIBILITY IN SHAPE MEMORY ALLOYS

ILISE L FEITSHANS
European-Scientific Institute, France

GLOBAL HEALTH IMPACTS OF NANOTECHNOLOGY LAW: FIGHTING COVID-19

SESSION TALKS

MERCEDES IRIARTE CELA
SDLE, S.L., Star Defense Logistics & Engineering, Spain

Adsorption of SARS-CoV-2 spike glycoprotein peptide and spike glycoprotein S1-active on different metal nanoparticles

YE TAO
Rowland Institute at Harvard, USA

From an atomic-resolution mill to a new engineering solution for the climate crisis- A call to action across 17 orders of magnitude in length
**AHMET HAXHIAJ**  
*University of Mitrovica, Republic of Kosovo*  
Environment management and advancing technological processes for technical lead production

**AMIRA BEN GOUIDER TRABELSI**  
*Princess Nourah bint Abdulrahman University, Saudi Arabia*  
Imaging of electronic properties in epitaxial graphene

**SEONGWOO WOO**  
*Addis Ababa Science & Technology University, Ethiopia*  
Reliability design of mechanical systems subjected to repetitive stresses

**KEYNOTE SESSION**

**ALEXANDER L RAMM**  
*Kansas State University, USA*  
Creating materials with a desired refraction coefficient

**ALI KHADEMHOSEINI**  
*Terasaki Institute for Biomedical Innovation, USA*  
Engineering in precision medicine
SESSIO N TALKS

JAMEEL M A SULAIMAN
University of Mosul, Iraq

Microwave absorbing and magnetic properties of nanocomposite {Co0.5Zn0.5Fe2O4/ BaTiO3 / PANI-PTSA} at frequency X band

BEENA K VERNEKAR
Govt. College of Arts, Science and Commerce, India

Synthesis, characterization and antimicrobial evaluation of Cobalt (II) Complexes with new tridentate Schiff base ligands and anti-inflammatory drugs

DANIEL MARTÍNEZ
Institute for Optoelectronic Systems and Microtechnology (ISOM) and ETSI Industriales, Universidad Politécnica de Madrid (UPM), Spain

Effect of chain stiffness on athermal polymer crystallization and jamming

NAVED SIRAJ
Academy of Scientific and Innovative Research & CSIR-Advanced Materials and Processes Research Institute, India

High-performance PEEK based composites and their Tribological characteristics

SHASHANK KUMAR SRIVASTAVA
Academy of Scientific and Innovative Research & CSIR-Advanced Materials and Processes Research Institute, India

Metal Matrix Composite Syntactic foams (MMCSFs): A promising candidate for structural applications
POSTER PRESENTATIONS

AISHA H. AL-MOUBARAKI
University of Jeddah, Saudi Arabia

Estimation of hydrogen production rate by corrosion of aluminum alloys in aqueous solutions

RUJKSHANA PERRVIN
Indian Institute of Technology Indore, India

Effect of weak point disorder on the vortex state of V0.0015NbSe2 superconductor

AISHA H. AL-MOUBARAKI
University of Jeddah, Saudi Arabia

Some plants extracts as green inhibitors to mitigate the corrosion of mild steel in H3PO4 acid solutions