Material Science 2020

Tentative Program

21st International Conference and Exhibition on
Materials Science, Nanotechnology and Engineering

September 21-22, 2020 | Milan, Italy

For available SPEAKER SLOTS™

https://material-science.materialsconferences.com/

Conference Series LLC Ltd
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E: materialscience@europemeet.com
Scientific Sessions

Title: Use of flexible resin to increase flexibility on quartz surfaces including high amount of quartz
Nurcan Topcu, Celal Bayar University, Turkey

Title: Structure control and thermal performance of polyphthalamide with different molecular architecture
Hong Yin, Zhejiang University Hangzhou, China

Title: UHPC and its diffusion properties
Sarka Nenadalova, Czech Technical University, Prague

Title: Application of modified cashew nut shell liquid as curing agent in natural rubber vulcanization
Anoma Thitithammawong, Prince of Songkla University, Thailand

Title: Studies on the effect of hybrid reinforcement of graphene – cnts on the aluminum matrix composites prepared by powder metallurgy
Omayma Elkady, Cairo University, Egypt

Title: Coaxial electrospinning of PEO/PCL Nanofibers containing Medicago sativa extract for wound healing applications
E. Tamjid, Tarbiat Modares University, Iran

Title: The analysis of fouling mechanism during ultrafiltration of laundry wastewater using composite membrane
Anwar Maruf, Diponegoro University Indonesia, Indonesia

Title: Thermal investigation of phase change materials based on LLDPE, paraffin wax and expanded graphite
Mustapha KARKRI, Universite Paris Est, France

Title: Formation of primary silicon and its influence on the eutectic solidification in unmodified hypeeutectic al-si alloys
Rania Hendawi, Norwegian University of Science and Technology, Norway

Title: E-BABE-Optimizing Light Based 3D Printers for Tissue Engineering
Bryan Soriano, University of California, USA
Title: Lanthanide Near-Infrared Luminescence in Layered Transition metal Chalcogenides Hosts
LYU Yongxin, The Hong Kong Polytechnic University, Hong Kong

Title: Highly selective and sensitive distinct flower-like ZnO structure-based gas sensor for detection of NOX at room temperature
Srijita Nundy, Sungkyunkwan Univer, Korea (South)

Title: Bovine Serum Albumin - Protected Synthesis of Highly Fluorescent Gold Nanoclusters for Bio-imaging Applications
Garima Kedawat, Rajasthan University, India

Title: Monitoring the lead- and- copper rule with a water- gated field effect transistor
Nawal Alghamdi, Sheffield University, UK

Title: In-vitro evaluation of silver nano particle coated Fe$_2$O$_3$ and NiO co-doped CaO-SiO$_2$-P$_2$O$_5$ bioceramics and their response in inflammation, bacterial attack and drug release.
Vikas Anand, Guru Nanak Dev University, India

Title: E-BABE-Optimizing Light Based 3D Printers for Tissue Engineering
Bryan Soriano, University of California, USA

Title: Controllable preparation and application of squaraine containing nanometer hybrids with broad band absorption to near infrared by one step method
Nahla Omer, Donghua University, China

Title: Studies on aqueous aluminium air battery with surface modified anode
Kilari Lakshman Vedavyas, Mahatma Gandhi Institute Of Technology, India

Title: Molecules that generate ‘fingerprints’: A new class of fluorescent probes for medical diagnosis and chemical biology
David Margulies, Weizmann Institute of Science, Israel

Title: Mechanical properties of nanofiber mats determined by a modified digital ‘speckle’ photography technique
Fu-pen Chiang, Ohio State University, USA
Title: The convergence of technologies, generates convergence in the regulations
Guillermo Valdes Mesa, Havana University Center Biomaterial, Cuba

Title: Potential of mechanical milling in preparation of polymer nanocomposites with enhanced mechanical properties
Hajnalka Hargitai, Széchenyi István University, Hungary

Title: Topological Realization of Graphene in Ultrafast Circular Pulse
Hamed Koochaki Kelardeh, Georgia State University, USA

Title: Radiation synthesis of silver nanoparticles stabilized in natural polymer with a potential application as new and green fungicides for agriculture
Le Quang Luan, Biotechnology Center of Ho Chi Minh, Vietnam

Title: Encapsulation of Flutialof Fungicide into Electrospun Biodegradable Poly (L-lactide) Nanofibers
Leila Javazmi, University of Southern Queensland, Australia

Title: Three-dimensional hepatocyte differentiated mscs vs. 2D cell culture in induction of hepatic regeneration in an experimental model
Manal M Kamel, Immunology Theodor Bilharz Research Institute, Egypt.

Title: The effect of the friction coefficient factor on the FEA results in the impact problems
Mohamed Hassan Abdelshafy, Military Technical College, Egypt

Title: Formulation of non-ionic surfactant vesicles (NISV) prepared by microfluidics for therapeutic delivery of siRNA into cancer cells
Mohammad Ali Obeid, Yarmouk University, Irbid-Jordan

Title: Glean investigation of the photocatalytic degradation of anew designed mwcnt/pani/zr(iv)w
Yashfeen Khan, Aligarh Muslim University, India

Title: Elaboration of active chitosan/polyvinyl alcohol film reinforced with zinc oxide nanoparticles for food packaging applications.
N. Coneo, University of Cartagena, Colombia

Title: Antioxidant and hepatoprotective activities of gold nanoparticles prepared by gamma co-60 irradiation
Nguyen Thanh Vu1, Nong Lam University, Vietnam
Title: E-BABE-Work function tuning of graphene oxide by using cesium oxide nanoparticles
d
Samira Naghdi, Avenida de la Universidad, Spain

Title: Waterloo Institute for Nanotechnology (WIN): Solving global challenges by bridging across the length scales
Sushanta K. Mitra, University of Waterloo, Canada

Title: Design of Pd-based nanoalloy particles confined into mesoporous carbon: Size, composition and confinement effects on the interactions with hydrogen
Camelia Matei Ghimbeu, Institute of Materials Science of Mulhouse, France

Title: Free-standing nanostructures at atomic scale: From growth mechanisms to local properties at the nanoscale
Jordi Arbiol, Catalan Institution for Research and Advanced Studies, Spain

Title: Heat transport in tetra-functional epoxy resin containing low percentage of exfoliated graphite nanoparticles
Carlo Naddeo, University of Salerno, Italy

Title: 2D plasmonic diffractive patterns in metals by laser interference
Ramon J Peláez, Institute of Optics, Spain

Title: Effects of process parameters on chemical functionalization of helicoil carbon nanotubes
Sean Reza Taklimi, Wichita State University, USA

Title: Sorting of nanogel mixed dispersions by directed assembly on surfaces using AFM nanoxerography
Lauryanne Teulon, Université de Toulouse, France

Title: Some Perspectives on enhanced heat transfer: Heat Exchangers Technology
Abdeen Mustafa Omer, Energy Research Institute (ERI), UK

Speaker Slots Available
Major Sessions

Materials Science and Engineering
Biomaterials and Tissue Engineering
Advanced Materials
Nano Technology
Advanced 2D Materials
Smart Materials and technologies
Polymers Science & Engineering
Energy Harvesting Materials
Solar Energy Materials

City Attractions

For detailed sessions, please visit: https://material-science.materialsconferences.com/
Submit your abstract online at: https://material-science.materialsconferences.com/abstract-submission.php
Register online: https://material-science.materialsconferences.com/abstract-submission.php
Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster.
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research.
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement.
- Apart from the judging time you may also be present at the poster to share your research with interested delegates.

Young Researchers Forum

- Present your research through oral presentations.
- Learn about career development and the latest research tools and technologies in your field.
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research.
- Develop a foundation for collaboration among young researchers.
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe.
- Interact and share ideas with both peers and mentors.

For any Queries:
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Venue & Accommodation
Milan, Italy

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