

2nd Webinar on

MATERIAL SCIENCE & NANOTECHNOLOGY

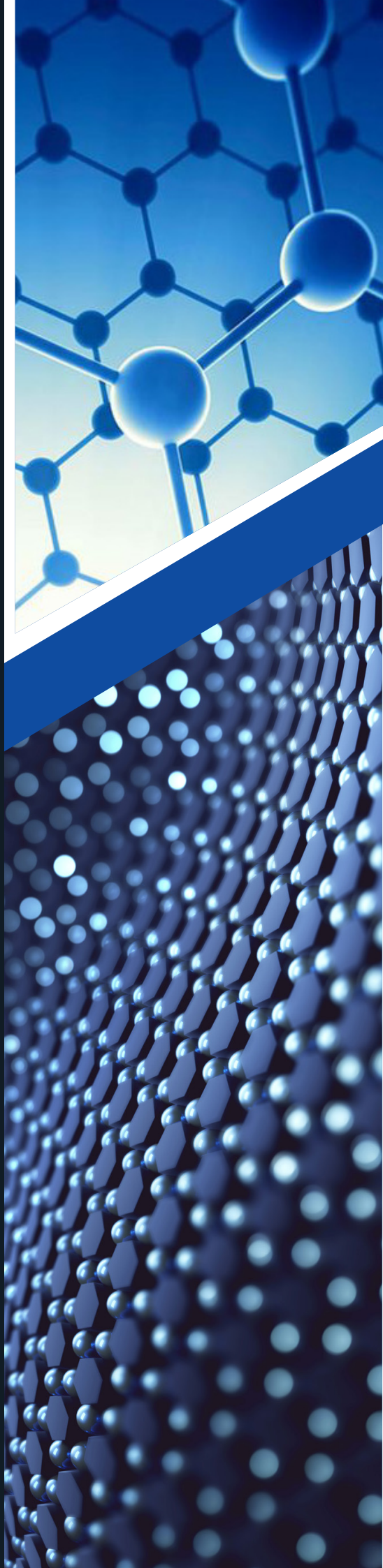
NOVEMBER 18-19, 2020 | GREENWICH MEAN TIME

Coalesce Research Group

33 Market Point Dr,
Greenville, SC 29607, USA

Contact Us:

Phone: +1-718-543-9362
Whatsapp: +1-8033921979



Scientific Program

2nd Webinar on Material Science & Nanotechnology

Wednesday
Nov 18, 2020

Day 1 - November 18, 2020

10:20 - 10:30 Introduction

Keynote Presentation

10:30 - 11:00 3D bioprinting for the future of healthcare
Wai Yee Yeong, Nanyang Technological University, Singapore

Oral Presentations

11:00 - 11:30 Rapid 3D printing in solid state: From concept to demonstration
Wei Min Huang, Smart MaterTech, Singapore

11:30 - 12:00 A pilot study on microalgal-based biopolymers and nano/microplastics removal: The perfect match
Cesar Cunha, University of Madeira, Portugal

12:00 - 12:30 Broadening 3D horizons: A functional polydimethylsiloxane-based microfluidic chip obtained through light-activated 3D printing
Gustavo Gonzalez, Polytechnic of Turin, Italy

12:30 - 13:00 Can additive manufacturing truly "Make Lignin Great Again"
Marie-Pierre Laborie, University of Freiburg, Germany

Lunch (13:00 - 13:30)

13:30 - 14:00 Evaluation of functionality in metal/metal oxide-ceramic through X-ray diffraction technique
Madhumita Mukhopadhyay, CSIR, India

14:00 - 14:30 Self-assembled nanostructures based on tetrapyrrolic macrocycles: Formation principles, spectroscopy and photochemistry
E. Zenkevich, Belarussian National Technical University, Belarus

14:30 - 15:00 Nanocatalysts—from the synthesis to advanced electron nanoscopy investigation
Maria Chiara Spadaro, Catalan Institute of Nanoscience and Nanotechnology, Spain

15:00 - 15:30 New sustainable processing of RE-based magnetic materials
Spomenka Kobe, Jozef Stefan Institute, Slovenia

15:30 - 16:00 Solid state photopolymerization preparation of polymeric organic conductors and possible superconductor
Bruce S Hudson, Syracuse University, USA

End of Day 1 Sessions

Scientific Program

2nd Webinar on Material Science & Nanotechnology

Thursday
Nov 19, 2020

Day 2 - November 19, 2020

Oral Presentations

- 10:00 - 10:30 Synthesis and characterization of composite electrode $\text{LiMn}_2\text{O}_4\text{-LiMn}_{1.75}\text{Al}_{0.25}\text{O}_4$ materials for Li-ion batteries
Aisha Abdul Quddus, Qatar University, Qatar
- 10:30 - 11:00 Applying hot melt adhesives filled with carbon nanotubes as the filaments in FFF 3D printing process onto textiles
Paulina Latko-Duralek, Warsaw Univeristy of Technology, Poland
- 11:00 - 11:30 Electrical behavior of some composite of polymeric materials/metal powder
Doina Elena Gavrilă, University Politehnica Bucharest, Romania
- 11:30 - 12:00 Gamma TiAl based alloys: present status and future prospects
Vijay Navaratna Nadakuduru, Malaviya National Institute of Technology Jaipur, India
- 12:00 - 12:30 Mass Customization: A key growth factor to the additive manufacturing industry
Jonathan Borduas, Shapeshift 3D, Canada

Poster Presentations

- 12:30 - 12:45 Catalytic hydrogenation of CO_2 to methane over transition metals (Ni, Co) supported on nano-ceria
Michalis Konsolakis, Technical University of Crete, Greece
- 12:45 - 13:00 Deposition effects of AZO thin films under different power ramps prepared by RF sputtering
Carranza Sanchez Ana Cristina, Meritorious Autonomous University of Puebla, Mexico
- 13:00 - 13:15 Influence of the crosslinking agent HDODA on the rheological and physicochemical properties of photocured conductive PANI/acrylate composites
Goretti Arias Ferreiro, University of A Coruna, Spain
- 13:15 - 13:30 Evaluation of environmental, technical, and economic indicators of fused deposition modeling process
Sonia Ezeddini, Altran Ouest, France
- 13:30 - 13:45 Nanosafety of iron oxide nanoparticles in the era of nanomedicine applications
Abdelaziz Saafane, Armand-Frappier Health Biotechnology, Canada
- 13:45 - 14:00 Formulation and *in vitro* evaluation of albumin nanoparticles of Palbociclib
Vishwanath Kuravattimath, Dayananda Sagar University, India

End of Day 2 Sessions

2nd Webinar on

MATERIAL SCIENCE & NANOTECHNOLOGY

NOVEMBER 18-19, 2020 | GREENWICH MEAN TIME

Coalesce Research Group LLC

33 Market Point Dr,
Greenville, SC 29607, USA

Phone: +1-718-543-9362

WhatsApp: +1-315-902-2237

Contact Us:

info@coalesceresearchgroup.com
contact@coalesceresearchgroup.com
sponsors@coalesceresearchgroup.com

Website: www.crgconferences.com