

# WEBINAR 2020

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## SCIENTIFIC PROGRAM

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25<sup>th</sup> International Conference on  
**Advanced Materials & Nanotechnology**

31<sup>st</sup> World Nano Conference

**November 24, 2020**

(GMT+1 TIMINGS)

A webinar is an online seminar that turns a presentation into a real-time conversation from anywhere in the world. Webinars allow large groups of participants to engage in online discussions or training events and share audio, documents or slides – even when they're not in the same place as the meeting host or in the same room where the event or presentation is taking place.

### DAY SESSIONS

**09:00AM TO 17:00PM**

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### EVENING SESSIONS

**FROM 20:00PM**

### Participant Benefits

1. Access to All Sessions Online
2. E-Handbook & E-Conference Kit
3. E-Certificate of Presentation
4. Exclusive Speaker Pages in relation with the conference website for registered speakers and Organizing Committee Members
5. Publication of extended abstract (1000 words) and biography in respective supporting journal
6. Online publication of Abstract and Biography in our website which has 25 Million visitors
7. Online publication of Abstract and Biography in respective conference webpage which has 25,000 online unique subject experts visitors
8. 15% abatement on the registration fees for the next annual conference
9. Nominations for Best Poster Award
10. International Networking and Scientific Association, Collaboration

**24 NOVEMBER | 2020****09:50 - 10:00 Introduction****SESSIONS >>>**

Advanced Materials Engineering | Advancement in Nanomaterials Science and Nanotechnology | Advanced Functional Materials | Materials Science & Engineering | Advanced Ceramic and Composite Materials | Advanced Bio-Materials & Bio-devices | Advanced Optical Materials | Carbon & Graphene Based Materials | Polymers Science & Engineering | Advanced Nanomaterials | Nanotech for Energy and Environment | Material Science and Engineering | Nanotechnology in Water Treatment | Nano Biomaterials | Nano Materials Synthesis and Characterisation | Pharmaceutical Nanotechnology

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10:00-10:25	<b>Title:</b> Nanotechnology in development of botanical source drugs against Covid-19; Challenges and issues Mansoureh Nazari V, Universiti Sains Malaysia, Malaysia
10:25-10:50	<b>Title:</b> TBA Rupali Nagar, Indian Institute of Technology Madras, India
10:50-11:15	<b>Title:</b> New opportunities in sustainable materials Sabu Thomas, Mahatma Gandhi University, India
11:15-11:40	<b>Title:</b> An effective approach to reduce the penetration potential of sars-Cov-2 and other viruses by spike protein: Through surface particle electrostatic charge negotiation Sudip Chatterjee, Regent Education and Research Foundation, India
11:40-12:05	<b>Title:</b> Boosting electrical performance of InGaN solar cells Beddiaf Zaidi, University of Batna, Algeria
12:05-12:30	<b>Title:</b> Effect of milling on the Structural, magnetic and catalytic properties of zinc ferrite synthesized by microwave combustion method Mohamed Housam Issa, Jouf University, Saudi Arabia
12:30-12:55	<b>Title:</b> Materials science and engineering for nanoparticles Weam Sidahmed Awadalla Sidahmed, University of Khartoum, Sudan

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12:55-13:20 **Title:** Ni/Al and Ti/Al rounded reactive composites for selective laser melting  
Andrey Nepapushev, National University of Science and Technology MISiS, Russia

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**Lunch Break @ 13:20-13:40**

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## POSTER SESSION >>>

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13:40-13:55 **Title:** Dual sensing of copper ion and chromium (VI) oxyanions by benzotriazole functionalized UiO-66 metal-organic framework  
Aasif Helal, King Fahd University of Petroleum and Minerals, Saudi Arabia

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13:55-14:10 **Title:** Alginate sulfate substrates control growth factor binding and growth of primary neurons: Toward engineered 3D neural networks  
Georges Kfoury, American University of Beirut, Lebanon

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## KEYNOTE FORUM >>>

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14:10-14:40 **Title:** Nano asphalt production using microemulsion and sonication method: Yield optimization using surface response  
Riny Yolanda Parapat, Itenas Bandung-TU, Germany

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14:40-15:10 **Title:** Creating materials with a desired refraction coefficient  
Alexander G. Ramm, Kansas State University, USA

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15:10-15:40 **Title:** Magnetism in 2D flatlands  
Eui-Hyeok Yang, Stevens Institute of Technology, USA

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**Closing Ceremony**

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