

Webinar Program



Join Online Conference

N-Materials2020

November 11, 2020

07:00 – 12:40 GMT



November 11, 2020

07:00 – 07:10

Introduction



Keynote Sessions

Webinar

Speakers

Time Zone

Time Zone

07:10 – 07:40

15:10 – 15:40

Title: Magnesium Nanocomposites for Engineering/ Biomedical Applications

Manoj Gupta, National University of Singapore, Singapore

07:40 – 08:10

16:40 – 17:10

Title: High CO Sensing Performance of Solid Electrolyte Gas Sensors

Yasuhiro Shimizu, Nagasaki University, Japan

08:10 – 08:40

13:40 – 14:10

Title: Interfacial Modification in Nanocomposites to Tailor Functionalities

Sabu Thomas, Mahatma Gandhi University, Kottayam, India

08:40 – 09:10

09:40 – 10:10

Title: Topological defects in nematic liquid crystals: playground of fundamental physics

Samo Kralj, University of Maribor, Slovenia

09:10 – 09:40

17:10 – 17:40

Title: Precise ML-aided design for cemented paste backfill materials

Chongchong Qi, Central South University, China

09:40 – 09:50

Networking and Refreshments Break

09:50 – 10:20

09:50 – 10:20

Title: Will nanomaterials and stem cells give hope to unmet clinical need in medicine

Alexander Seifalian, NanoRegMed Ltd, United Kingdom

10:20 – 10:50

19:20 – 19:50

Title: Stereolithographic Additive Manufacturing of Practical Ceramic Components

Soshu Kirihara, Osaka University, Japan

10:50 – 11:20

05:50 – 06:20

Title: Magnetism in 2D Flatlands

Eui-Hyeok Yang, Stevens Institute of Technology, USA



Invited Sessions

11:20 – 11:40

14:20 – 14:40

Title: Improving fatigue of mechanical system subjected to repetitive loads

Seongwoo Woo, Addis Ababa Science & Technology University, Ethiopia

11:40 – 12:00

13:40 – 02:00

Title: Achievement of 3D Bioprinting in Situ in Regenerative Medicine could have Clinical Implications during the COVID-19 Pandemic

Laila Mahmoud Montaser, Menoufia University, Egypt

12:00 – 12:20

13:00 – 13:20

Title: Graphene Nanomaterial and its Promising Applications in Regenerative, Reconstructive and Orthopedic Medicine

Farid Mena, International Consulting Healthcare and Biosystems Expert, France

12:20 – 12:40

17:20 – 17:40

Title: Modification in properties of copper nanowires mesh for optoelectronic devices

Shehla Honey, University of Okara, Pakistan

End of the Sessions