

NANO CONGRESS
WEBINAR 2020

SCIENTIFIC PROGRAM

32nd NANO CONGRESS FOR
FUTURE ADVANCEMENTS

12 JUNE | 2020

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

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

12 JUNE | 2020**09:50 - 10:00 Introduction****KEYNOTE FORUM >>>**

10:00-10:40 **Title:** Oxygen storage behavior of nanoparticulated $\text{Pr}_{1-x}\text{Zr}_x\text{O}_{2-\delta}$
Jianqi Zhang, Inner Mongolia University of Science and Technology, China

SESSIONS >>>

Advanced Nanomaterials | Nanotech for Energy and Environment | Material Science and Engineering | Nanotechnology in Water Treatment | Nano Biomaterials | Nano Materials Synthesis and Characterisation | Pharmaceutical Nanotechnology

10:40-11:10 **Title:** The modification of Einstein's DMR relation in Quantum Wire Super Lattices (QWSL) and study of Shubnikov de Hass effect in parabolic semiconductors : Simplified theory and suggestions for further experimental determination in biomaterials.
Sudip Chatterjee, Regent Education and Research Foundation, India

11:10-11:40 **Title:** Computational modeling of photothermal therapy using gold nanoparticle for Lung cancer treatment
Ibtihag Yahya, Sudan University of Science and Technology, Sudan

11:40-12:10 **Title:** The efficiency of TiO_2 nanoparticles synthesized from Aloe vera leaves extract compared to liposomes as delivery system for Doxorubicin: in vivo study using Erlich solid tumor model
Doaa A. Abdelfadeel, Cairo University, Egypt

Lunch Break 12:10-12:40

12:40-13:10 **Title:** Synthesis of Hybrid Nanoparticles via Aerosol Photopolymerization
Narmin Suvarli, Karlsruhe Institute of Technology, Germany

13:10-13:40 **Title:** The biological activities of NiS nanoparticles and NiS/PEG nanocomposites from primary amines
Felicia F. Bobinihi, North-West University, South Africa

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- 13:40-14:10 **Title:** The national nanotechnology coordinated infrastructure and its role in meeting the workforce nanotechnology demands in the US
Nancy Healy, Georgia Institute of Technology, USA
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- 14:10-14:40 **Title:** How nanotechnology in the food industry could fight against Covid-19 ?
Carla Palencia-Aguilar, GC2M Corp, USA
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- 14:40-15:10 **Title:** Future advancements – Where will the workforce come from to meet future nanotechnology R&D needs?
Nancy Healy, Georgia Institute of Technology, USA
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Closing Ceremony