EuroSciCon Conference on

NANOTECHNOLOGY & SMART MATERIALS



July 08-10, 2019
Prague, Czech Republic

https://nanotechnology.euroscicon.com/

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EuroSciCon

Nanotechnology & Smart Materials 2019

Agenda Day 1: July 08, 2019

09:00-09:30 Registration

09:30-09:55 Opening Ceremony

09:55-10:00 Introduction

Session Start @ Eden

Keynote Presentations

10:00-10:40 **Title: 3D Graphene Network as Platform for Emerging Applications**
Mineo Hiramatsu, Meijo University, Japan

10:40-11:20 **Title: Bioinspired wettability surfaces: Development in micro- and nanostructures**
Yongmei Zheng, Beihang University (BUAA), China

Group Photo 11:20-11:25

Networking & Refreshments 11:25-11:45 @ Foyer

Session Introduction

Session: Smart Materials and Technologies | Smart Structures | Graphene and 2D Materials | Recent developments in Nanotechnology and Nanoscience | Nanostructured Materials | Nano-Devices & Nano-Sensors

Session Chair: Shin'ichi Nakatsuji, University of Hyogo, JAPAN

Session Co-Chair: Sergiu Cojocaru, Horia Hulubei National Institute for Physics and Nuclear Engineering, Romania

11:45-12:15 **Title: Enhanced electrochromic performance of organo-tungsten oxide films using organo- titanium oxides addition by low temperature-atmospheric pressure-plasma polymerization for flexible electrochromic device**
Yung-Sen Lin, Feng Chia University, Taiwan

12:15-12:45 **Title: The Gravity Quantum Computer, the Smartest Piece of Material there can be**
Norbert Schwarzer, Saxionian Institute of Surface Mechanics SIO, Germany

12:45-13:15 **Title: Low temperature electron-phonon heat exchange in layered nanostructures**
Sergiu Cojocaru, Horia Hulubei National Institute for Physics and Nuclear Engineering, Romania

Lunch Break 13:15-14:00 @ Mezzo Restaurant

Plenary session continues

14:00-14:30 **Title: Strucrures and Properties of Novel Organic Spin Systems**
Shin'ichi Nakatsuji, University of Hyogo, Japan

14:30-15:00 **Title: Polymer Giant Vesicles as Artificial Models of Biomembrane**
Eri Yoshida, Toyohashi University of Technology, Japan

Networking & Refreshments 15:00-15:20 @ Foyer

15:20-15:50 **Title: Bioengineered Stimulated-Cancer Cell Membrane Coated Nanoparticles For Enhanced Delivery To The Bone**
Jamboor Vishwanatha, UNT Health Science Center, USA

15:50-16:20 **Title: Smart Materials Design to Ahieve Unique Advanced Functional Oxide Films**
T. Yamamoto, Kochi University of Technology, Japan

Agenda Day 2: July 09, 2019

Keynote Presentations

10:00-10:40 — **Title: Development of Smart Materials/Structures and Related Technologies Useful for Disaster Mitigation**
Hiroshi Asanuma, Chiba University, Japan

10:40-11:20 — **Title: Coherent surface-enhanced raman scattering: chemical imaging contrast and intensity limits**
Grigory Arzumanyan, Joint Institute for Nuclear Research (JINR), Russia

Networking & Refreshments 11:20-11:40 @ Foyer

Plenary Session

Session: Smart Materials and Technologies | Materials for Energy and Environmental Sustainability | Metals, Mining, Metallurgy and Materials | Advances Nanomaterials | Nano Chemistry | Nanoscience & Nanotechnology | Nano Medicine

Session Chair: Ion Tiginyanu, Academy of Sciences and Technical University of Moldova, Moldova

Session Co-Chair: Ying Zhu, Beihang Uinversity, Beijing, China

11:40-12:10 — **Title: SIO X-Ray: View inside your material with contact experiments**
Nick Bierwisch, Saxionian Institute of Surface Mechanics SIO, Germany

12:10-12:40 — **Title: 2D and 3D Nanoarchitectures based on GaN for Multifunctional Applications**
Ion Tiginyanu, Academy of Sciences and Technical University of Moldova, Moldova

12:40-13:10 — **Title: Electrochemical Conversion of Energy and Chemicals Using Conductive Nanomaterials and Wettability**
Ying Zhu, Beihang Uinversity, Beijing, China

Lunch Break 13:10-14:00 @ Mezzo Restaurant

Plenary session continues

14:00-14:30 — **Title: 2D metal oxides and related materials prepared by microwave method and their properties**
Chuanbao Cao, Beijing Institute of Technologyirst, China

14:30-15:00 — **Title: Kinetics and phase transformation of Cu-Al-Mn-Ag alloys**
Tamara Holjevac Grguric, University of Zagreb, Coratia

Poster Session @15:00-15:40

P1 — **Title: Highly Sensitive Surface-enhanced Raman scattering based on Silver Dendritic Nanostructures**
Maria Vorobyeva, Joint Institute for Nuclear Research (JINR), Russia

P2 — **Title: Polyplexes carrying a shrna plasmid down-regulate the transcription factor runx2 in valvular interstitial cells exposed to high glucose**
GEANINA VOICU, Institute of Cellular Biology and Pathology "Nicolae Simionescu" of Romanian Academy, Bucharest, Romania

P3 — **Title: Smad3 silencing inhibits endmt transition in valvular endothelial cells exposed to high glucose and osteogenic factors**
Daniela Rebleanu, Institute of Cellular Biology and Pathology "Nicolae Simionescu" of Romanian Academy, Bucharest, Romania

Networking & Refreshments 15:40-16:00 @ Foyer

Agenda Day 3: July 10, 2019

Networking & Panel Discussion

Lunch Break 13:00-14:00 @ Mezzo Restaurant

Closing Ceremony



Mark your calender

EuroSciCon Conference on

Nanoscience & Technology

November 25-27, 2019 | Tokyo, Japan

Email: nanoscience@eurosessions.com

Website: https://nanoscience.euroscicon.com/

EuroSciCon Conference on

Graphene & Carbon Nanotechnolgy

November 25-27, 2019 | Tokyo, Japan

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