EuroSciCon



6th Euroscion conference

Nano-Technology

June 22-23, 2020 | Rome, Italy

Theme:

An insight into Research and Inventions in Nano science

Day 1, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Nano Engineering**	Talks On: **Nano Technology**	Talks On: **Electronics and IT Applications**
	Talks On: **Impact, influence and benefits for the society**	Talks On: **Health and Biological Applications**	Talks On: **Life Cycle of Nano materials**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Properties for Nano Materials**	Panel Over: **Nano Devices and Nano Sensors**	Panel Over: **Nano Technology Robotics**
	Workshop On: **Integrated Nano Technology Microsystems**	Workshop On: **Nano Technolgy in Energy Systems**	Workshop On: **Nano Materials Properties**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Nano Materials Fabrication and Characterization Tools**	Talks On: **Nano Technology in Auto-Machine**	Talks On: **Nano medicine**
	Lectures on: **Nano photonics**	Lectures on: **Carbon Nano Technology**	Lectures on: **Nano Technology in Water Treatment**
06:00 PM	Session On: **Graphene and Its Applications**	Session On: **Nano Fluidics**	Session On: **Nano BioMaterials**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 2, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Nano Technology in Tissue Engineering**	Talks On: **Pharmaceutical Nano Technology**	Talks On: **Nano weapons**
	Talks On: **SESSION DISCUSSION**	Talks On: **SESSION DISCUSSION**	Talks On: **SESSION DISCUSSION**
02:00 PM	Panel Over: **Nano Chemistry**	Panel Over: **Nano Engineering**	Panel Over: **Nano Technology**
	Workshop On: **Electronics and IT Applications**	Workshop On: **Impact, influence and Benefits for the Society**	Workshop On: **Health and Biological Applications**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Life cycle of Nano Materials**	Talks On: **properties for Nano Materials**	Talks On: **Nano devices and Nano sensors**
	Lectures on: **Nano Technology Robotics**	Lectures on: **Integrated Nano Technology Microsystems**	Lectures on: **Nano Technology in Energy Systems**
06:00 PM	**B2B meetings**	**Group Discussion**	**Panel Discussion**
	NETWORKING	**NETWORKING**	**NETWORKING**

Scientific Program

Day 1: October 7, 2019 @ Meeting Room B1B

08:00-09:00 Registration

09:00-09:30 Opening Ceremony

Keynote Session

09:30-10:15 **Title: A novel technique to grow high quality graphene layers on either face of silicon carbide (4H-SiC and 6H-SiC) wafers**
Brahm Pal Singh, Life Solutions Company-Panasonic Corporation, Japan

Session Introduction

Sessions: Advanced Nano Materials | Advanced Energy Materials

Session Chair: Richard R Mu, Tennessee State University, USA

10:15-10:40 **Title: Building function-by-design mesostructured sensory platforms from nanomaterials**
Richard R Mu, Tennessee State University, USA

10:40-11:05 **Title: Mg-based Nanomaterials for Energy Storag**
Huaiyu SHAO, University of Macau, China

Group Photo & Coffee Break: 11:05-11:20 @ Foyer

Sessions: Nano Material Fabrication & Characterization Tools | Advanced Materials | Concentrating Solar Power Materials and Systems

Session Chair: Richard R Mu, Tennessee State University, USA

11:20-11:45 **Title: Fabrication of PAN/Fe3O4 nanofibers: photocatalysis and characterization antimicrobial properties**
Omolola E Fayemi, North-West University-Mafikeng Campus, South Africa.

11:45-12:10 **Title: Interplay of spin and charge degrees of freedom in high temperature superconductors/promising room temperature superconductivity**
Sung-Ho Salk, Korean Academy of Science and Technology, South Korea

12:10-12:35 **Title: Tomographic imaging of PbSe quantum dot superattice for PV Applications**
Adam Moule, University of California, USA

Lunch Break: 12:35-13:30 @ Room 2B

Speaker Sessions

Sessions: Nano Material Fabrication & Characterization Tools | Advanced Materials | Concentrating Solar Power Materials and Systems

Session Chair: Richard R Mu, Tennessee State University, USA

13:30-13:55 **Title: Chemical and structural effects on the friction and wear of metals and alloys: a nanotribological approach**
Arnaud Caron, KoreaTech, Republic of Korea

13:55-14:20 **Title: Fabrication, photocatalytic and electrochemical properties of pan/metal and metal oxide nanofibers for water treatment application**
Omolola E Fayemi, North-West University, South Africa

14:20-14:45 **Title: Plastic nanocomposite material with PTC effect: examples of application**
Marco Pizzi, Eltek Group, Italy

14:45-15:10 **Title: Zn and ZnO nano particles formation in ZnO single crystal by laser radiation**
Arturs Medvids, Riga Technical University, Latvia

Coffee Break:15:10-15:30 @ Foyer

Speaker Sessions

Sessions: Nano Medicine

Session Chair: Rodney A Hill, Charles Sturt University, Australia

15:30-15:55 — **Title: Stem cell nano-structure interactions: Targeting drug delivery**
Rodney A Hill, Charles Sturt University, Australia

15:55-16:20 — **Title: Toxicity of dendrimers as drug delivery nanosystem *in vitro* and *in vivo***
Zuzana Zmudova, Jan Evangelista Purkyne University, Czech Republic

Young Researchers Forum Session

16:20-16:45 — **Title: Effect of nanostructured copper oxide on a causal agent of anthracnose**
Auriane F Azo-Oussou, Kagoshima University, Japan

Poster Presentation 16:45-17:00 @ Foyer

P1 — **Title: Biocompatibility of 3D printing materials tested in vivo using Danio rerio**
Zuzana Nejedlá, Jan Evangelista Purkyne University , Czech Republic

P2 — **Title:Estimation of differences in approach of siRNA gene therapy in 2D and 3D cultures**
Zuzana Žmudová, Jan Evangelista Purkyne University, Czech Republic

Certificate & Award Presentations

Panel Discussion & Networking

Day Ends

Agenda Day 2: October 08, 2019

Lunch Break: 13:00-14:00 @ Room 2B

Thanks Giving & Closing Ceremony

Day Ends

Mark your calender

7th European Conference on
Lasers, Optics & Photonics

February 21-22, 2020, Amsterdam, Netherlands
Website: https://optics.euroscicon.com/

Annual Congress on
smart materials

May 11-12, 2020 | Frankfurt, Germany
Website: https://smartmaterials.euroscicon.com/

Agenda Day 1: August 23, 2018

Hall Name **Meeting Place 1**

08:00-09:00 **Registrations**

09:00-09:30 **Opening Ceremony**

Keynote Session

09:30-10:10 **Title: Analysis of LENR and recommendations for cold fusion energy using the BSM-SG atomic models**
Stoyan Sarg Sargoytchev, World Institute for Scientific Exploration, USA

10:10-10:50 **Title: Basic properties of myosin head power and recovery strokes as revealed by experiments using the gas environmental chamber**
Haruo Sugi, Teikyo University, Japan

Group Photo: 10:50-11:00

Coffee Break: 11:00-11:20 @ Pre Function Area

11:20-12:00 **Title: New carbon based material obtained by γ quanta irradiation with threshold energy of 10MeV of pure gaseous He, under high pressure, in CuBe2 apparatus, physical properties and aspects of new nanotechnology**
Roland Wisniewski, Warsaw University of Technology, Poland

Sessions

Nanostructured materials | Nanostructured Materials | Materials Chemistry | Carbon Materials In Energy | Materials Physics | Emerging Technologies In Material Science | Aerospace materials | Polymer Energy Materials

Session Chair: Roland Wisniewski, Warsaw University of Technology, Poland

Session Co-Chair: Stoyan Sarg Sargoytchev, World Institute for Scientific Exploration, USA

12:00-12:20 **Title: Electronic materials research for energy and power applications**
Tsvetanka S Zheleva, US Army Research Lab, USA

12:20-12:40 **Title: Proposed link between the periodic table and the standard model**
John O Roberts, Freelance and former Open University Tutor, UK

12:40-13:00 **Title: Material science fractal nature analysis and energy engineering frontiers**
Vojislav V Mitic, University of Nis, Serbia

Lunch Break: 13:00-14:00 @ The Gallery

Special Session: 14:00-15:00

14:00-15:00 **Title: Failure by cracking**
John Campbell, University of Birmingham, UK

15:00-15:20 **Title: Effect of Ni to Cu ratio on formation of oxide scale at high temperature**
Shrikant Jadhav, Bharat Forge Ltd –KCTI, India

15:20-15:40 **Title: Study on reduction process of metal oxide under microwave irradiation**
Satoshi Fujii, National Institute of Technology/Tokyo Institute of Technology, Japan

15:40-16:00 **Title: Super-Resolution optical microscopy for structure analysis of polymer materials**
Hiroyuki Aoki, J-PARC Center, Japan

Coffee Break: 16:00-16:20 @ Pre Function Area

16:20-16:40 **Title: Microstructural behaviour of Ti6Al4V during room temperature deformation**
Gajanan Kulkarni, Kalyani Centre for Technology and Innovation Bharat Forge Ltd, India

16:40-17:00	**Title: Synthesis and characterization of nanocrystalline CoFeMnNiAl high-entropy alloy** **M Yazdan Mehr,** Delft University of Technology, Netherlands
17:00-17:20	**Title: Improvement in wear resistance of AISI H13 steel by Pack-Boronizing method** **Niketan Manthani,** Kalyani Centre for Technology and Innovation Bharat Forge Ltd, India
17:20-17:30	**Discussion Time**
17:30-17:45	**Chairman's Summing Up**

Panel Discussion

Agenda Day 2: August 24, 2018

Hall Name **Meeting Place 1**

Keynote Session

09:30-10:10	**Title: Enamel coating for steel rebar in concrete: Corrosion barrier and bond enhancer** **Genda Chen,** Missouri University of Science and Technology, USA
10:10-10:50	**Title: Nanostructured composite coating orientants in tribo-engineering** **V A Levchenko,** Lomonosov Moscow State University, Russia

Coffee Break: 10:50-11:10 @ Pre Function Area

11:10-11:50	**Title: Monomers, biopolymers and biomaterials from renewable lipid resources** **Aman Ullah,** University of Alberta, Canada

Material Science and Engineering | Advanced Engineering Materials | Nanostructured Materials | Composite Materials | Carbon Materials In Energy | Materials Physics

Session Chair: Genda Chen, Missouri University of Science and Technology, USA

Session Co-Chair: V A Levchenko, Lomonosov Moscow State University, Russia

11:50-12:10	**Title: Functional materials: Development of nanostructured ceramic-metal xylan of a coating with the operated wetting** **V A Levchenko,** Lomonosov Moscow State University, Russia
12:10:12:30	**Title: Specific features of electrons in nanostructured materials according to twin physics** **Anna C M Backerra,** Independent Physicist, Netherlands
12:30-12:50	**Title: The effect of Mo addition on structure and glass forming ability of Ni-Zr alloys** **Zean Tian,** Hunan University, China
12:50-13:10	**Title: The effect of silver nanoparticles on the antioxidant capacity and total soluble protein pattern in tomato seedlings under in vitro culture** **Roya Razavizadeh,** Payame Noor University, Iran

Lunch Break: 13:10-14:10 @ The Gallery

14:10-14:30	**Title: Methylene blue sorption on CS/nano-γ alumina as a novel and environmentally friendly adsorbent** **Abbas Teimouri,** Payame Noor University, Iran
14:30-14:50	**Title: Deformation behaviour of functionally graded shape memory alloys** **Bashir S. Shariat,** The University of Western Australia, Australia

Poster Presentations 14:30-16:00 @ Pre Function Area

Poster Judge 1: Genda Chen, Missouri University of Science and Technology, USA

Poster Judge 2: V A Levchenko, Lomonosov Moscow State University, Russia

MC-01	**Title: Fractal nature materials analysis within the new and alternative energy sources** **Vojislav V Mitic,** University of Nis, Serbia

MC-02	**Title: Degradation mechanisms of Bisphenol A Polycarbonate (BPA-PC) in led-based products** **M Yazdan Mehr,** Delft University of Technology, Netherlands
MC-03	**Title: Self-Centering capacity of superelastic shape memory alloy fibers in mortar** **Eunsoo Choi,** Hongik University, Korea
MC-04	**Title: Preparation of 3D graphene with microwave-hydrothernal assistance for ultrahigh performance of capacitive deionization** **Shou-Heng Liu,** National Cheng Kung University, Taiwan
MC-05	**Title: Effect of Ga concentration on electrical properties of InP quantum dot laser diode structures** **M S Al-Ghamdi,** King Abdulaziz University, Saudi Arabia
MC-06	**Title: Synthesis of barium aluminogermanate by citrate method** **Jesús Roberto Rodríguez Sanchez,** Facultad de Ciencias Quimicas UAdeC, México
MC-07	**Title: Piezo-Triboelectric hybrid nanogenerator for raindrop energy harvesting** **Atissun Kittilaksanon,** The Petroleum and Petrochemical College, Chulalongkorn University, Thailand
MC-08	**Title: Synthesis and characterization of solids with strong acidic and basic properties applied as catalysts in the synthesis of ionones** **Gonzalez Jimenez Rodrigo Rodolfo,** Benemérita Universidad Autónoma De Puebla (BUAP), Mexico
MC-09	**Title: Synthesis and characterization of carboxymethyl cellulose from waste nata de coco** **Lalita Narkyos,** The Petroleum and Petrochemical College, Chulalongkorn University, Thailand
MC-10	**Title: Improving molecular weight of natural oil-plasticized PLA by chain extender** **Supanut Kitphaitun,** The Petroleum and Petrochemical College, Chulalongkorn University, Thailand
MC-11	**Title: Study on manufacture of nanofibers using biodegradable polyester materials** **Hee Dong Lee,** Korea Institute of Industrial Technology (KITECH), Korea
MC-12	**Title: Fabrication and characterization of rhodamine dye based colorimetric textile sensor for acidic gas detection** **Young Ki Park,** Korea Institute of Industrial Technology (KITECH), Korea
MC-13	**Title: Fabrication and characterization of dimethine dye based colorimetric textile sensor for alkaline gas detection** **Jee Young Lim,** Korea Institute of Industrial Technology (KITECH), Korea
MC-14	**Title: Measurement of dyeing behavior using PVDF's real-time dyeing behaviour monitoring system** **Seok Il Hong,** Korea Institute of Industrial Technology (KITECH), Korea
MC-15	**Title: Used of automated software tool for analysing and estimating optimal parameters of jet engine parts production** **Sandra Puchlerska,** AGH University of Science and Technology, Poland

Coffee Break: 16:00-16:20 @ Pre Function Area

16:20-16:40	**Question Time & Best YRF/Poster Felicitation** **Networking Session and Chairman's Summing Up**

Agenda Day 3: August 25, 2018

Networking and Lunch 13:00-14:00 @ The Gallery

Mark your calender

World Congress on Materials Science & Engineering

June 04-06, 2019
Paris, France

Email: materialscongress@eursciconevent.com

Website: https://materialsscience.euroscicon.com/

European Conference on Lasers, Optics and Photonics

May 09-11, 2019
Stockholm, Sweden

Email: optics@engineeringeuroscicon.com

Website: https://optics.euroscicon.com/

Past Affiliates

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Rabah Ali Khalil
University of Mosul , Iraq

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Farid Menaa
International Consulting Healthcare and Biosystems , France

Nadia Benkirane Jessel
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Solhe F Alshahateet
Mutah University, Jordan

Hari Shanker Sharma
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Ponisseril Somasundaran
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Prof. Dr. Michael Hietschold
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Alireza Heidari
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City Attractions





