EuroSciCon

World Congress on Materials Science & Engineering

August 23-25,2018
Amsterdam, Netherlands

2018



Materialsscience Congress

https://materialsscience.euroscicon.com/

Day 1, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Composite Materials**	Talks On: **Electronic, Optical & Magnetic Materials**	Talks On: **Polymer Science & Technology**
	Talks On: **Fabrication of integrated circuits**	Talks On: **Soft magnetic materials**	Talks On: **Dieletric materials**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Ceramic & Glass Materials**	Panel Over: **Nanostructured Materials**	Panel Over: **Metallurgy & Material Science**
	Workshop On: **Materials Characterization**	Workshop On: **Solar Energy Materials**	Workshop On: **Emerging Technologies In Material Science**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Carbon and Graphene Nanostructures**	Talks On: **Polymer Science Engineering**	Talks On: **Magnetic Storage**
	Lectures on: **Hard magnetic materials**	Lectures on: **Tissue Engineering**	Lectures on: **Hard magnetic materials**
06:00 PM	Session On: **Neat polymeric materials**	Session On: **Polymeric catalysts**	Session On: **Nano Ceramics**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 2, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Advanced Materials Science**	Talks On: **Nano Composites**	Talks On: **Nanotechnology in Materials Science**
	Talks On: **Corrosion Engineering and Corrosion Protection**	Talks On: **Biomaterials**	Talks On: **Polymer blends and alloys**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Biodegrabale Polymers**	Panel Over: **Advanced Functional Materials**	Panel Over: **Natural Nano Materials**
	Workshop On: **Metallurgy**	Workshop On: **Ceramics**	Workshop On: **Biomaterials**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Superconducting Materials**	Talks On: **Organic superconductors**	Talks On: **Advanced materials for energy storage**
	Lectures on: **Corrosion**	Lectures on: **Lasers**	Lectures on: **Materials Physics**
06:00 PM	Session On: **Hydrogen adsorption in carbon materials**	Session On: **Hierarchical Carbon materials for future energy application**	Session On: **Diffusion in materials**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 3, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Advanced Materials Science**	Talks On: **Nano Composites**	Talks On: **Nanotechnology in Materials Science**
	Talks On: **Corrosion Engineering and Corrosion Protection**	Talks On: **Biomaterials**	Talks On: **Polymer blends and alloys**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Biodegrabale Polymers**	Panel Over: **Advanced Functional Materials**	Panel Over: **Natural Nano Materials**
	Workshop On: **Metallurgy**	Workshop On: **Ceramics**	Workshop On: **Biomaterials**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Superconducting Materials**	Talks On: **Organic superconductors**	Talks On: **Advanced materials for energy storage**
	Lectures on: **Corrosion**	Lectures on: **Lasers**	Lectures on: **Materials Physics**
06:00 PM	Session On: **Hydrogen adsorption in carbon materials**	Session On: **Hierarchical Carbon materials for future energy application**	Session On: **Diffusion in materials**
	NETWORKING	**NETWORKING**	**NETWORKING**

TENTATIVE PROGRAM

Title:Enamel Coating for Steel Rebar in Concrete: Corrosion Barrier and Bond Enhancer
Genda Chen, Missouri University of Science and Technology, USA

Title:Hierarchically macroporous carbon nanotube foams as electrodes for lithium-air and lithium-sulfur batteries
Jim P. Zheng, Florida State University, USA

Title:Breakthrough Graphene Structures for the Next Generation Energy Storages
Tereza M. Paronyan, Northern Kentucky University, USA

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

Title:Wave scattering by many small impedance particles and creating materials with a desired refraction
Alexander G. Ramm, Kansas State University, USA

Title:Monomers, Biopolymers and Biomaterials from Renewable Lipid Resources
Aman Ullah, University of Alberta, Canada

Title: Proposed Link between the Periodic Table and the Standard Model
John O Roberts, Open University Tutor, UK

Title: PERFORMANCE, MODELING, MEASUREMENTS AND SIMULATION OF ENERGY EFFICIENT FOR HEATEXCHANGER, REFRIGERATION AND AIRCONDITIONING
Abdeen Mustafa Omer, Energy Research Institute, UK

Title:Immobilisation of Ni-Crown POM for the electrocatalysis of bromate and chlorate in water
Bushra Ali, Dundalk Institute of Technology, Ireland

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

Title:Innovative Wave Power Generator System Using Dielectric Elastomer
Seiki A. Chiba, Chiba Science Institute, Japan

Title: Omega-3 PUFA Loaded in Resveratrol-Based Solid Lipid Nanoparticles: Physicochemical Properties and Antineoplastic Activities in Human Colorectal Cancer Cells in Vitro

Time to be decided and Program tends to be change

TENTATIVE PROGRAM

Silvia Mellace, University of Calabria, Italy

Title:Super-resolution Optical Microscopy for Structure Analysis of Polymer Materials
Hiroyuki Aoki, Japan Atomic Energy Agency, Japan

Title:Degradation mechanisms of Bisphenol A Polycarbonate (BPA-PC) in Led-based products
Maryam Yazdan Mehr, Delft University of Technology, Netherlands

Title:Vanadium nitride nanoparticles encapsulated in carbon sheets for stable high energy lithium ion anodes
Haoyang Wu, University of Science and Technology Beijing, China

Title:The Transpassivation of Pure Ti in Artificial Seawater
Guang-Ling Song, Xiamen University, China

Title:Porous SnO2 nanoparticles based ion chromatographic determination of non-fluorescent antibiotic (Chloramphenicol) in complex samples
Nadeem Muhammad, Wuchang University of Technology, China

Title:Spinodal decomposition during crystallization of solutions
Alex Guskov, Institute of Solid State Physycs the Russian Academy of Sciences, Russia

Title:RegenerAge System: Therapeutic effects of combinatorial biologics (mRNA and Allogenic MSCs) with a Spinal cord stimulation system on a patient with Spinal Cord section.
Joel I. Osorio, Westhill University School of Medicine, Mexico

Title:Synthesis and characterization of solids with strong acidic and basic properties, applied as catalysts in the synthesis of Ionones
Rodrigo González, Benemérita Universidad Autónoma De Puebla (BUAP),Mexico

Title:Design and characterization of layered solid from the intercalation of organic molecules into transition metal nitroprussides.
Yosuan Avila García, Centro de Investigación en Ciencia Aplicada y Tecnología de Avanzada, México

Title:Advanced nanomedicines for modulation the interaction of drugs with biological barriers
Bruno Sarmento, Instituto de Engenharia Biomédica, Portugal

Title:Decorating TiO2 nanotubes with C3N4 for photocatalytic removal of organic pollutants and anaerobic digestion of sludge
M.A. Barakat, Central Metallurgical R & D Institute, Egypt

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TENTATIVE PROGRAM

Title:Wide band Absorbing Silicon based Material for Energy harvesting: from Black Silicon to Metamaterials
Mohamed A. Swillam, The American University, Egypt

Title:Synthesis and characterization of carboxymethyl cellulose from waste nata de coco
Ms. Lalita Narkyos, The Petroleum and Petrochemical College, Chulalongkorn University,Thailand

Title:Piezo-Triboelectric Hybrid Nanogenerator for Raindrop Energy Harvesting
K. Atissun, The Petroleum and Petrochemical College, Chulalongkorn University, Thailand.

Title: Improving molecular weight of natural oil-plasticized PLA by chain extender
Supanut Kitphaitun, The Petroleum and Petrochemical College, Chulalongkorn University, Thailand.

Title:The effect of Calcium Chloride Crosslinking on properties of silk sericin/pectin/clay aerogel
Palita Chuaysakul, The Petroleum and Petrochemical College, Chulalongkorn University, Thailand

Title:Effect of Ni to Cu ratio on formation of oxide scale at high temperature
Shrikant Jadhav, Kalyani Centre for Technology and Innovation Bharat Forge Ltd, India

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

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

Title:Thermoelectric Properties of Nanostructured Materials
Gunadhor S. Okram, UGC-DAE Consortium for Scientific Research, India

Title:A new approach to prepare ion conducting polymer blend electrolytes for battery applications
M. Muthuvinayagam, Kalasalingam University, India

Title:Annealing modulations to realize device worthy PMN-PT film using laser ablation
Pius Augustine, Indian Institute of Technology, India

Title:High Sensitivity Detection by Grating assisted Surface Plasmon Resonance Sensor for identification of Hazardous Toxic Chemicals and Gases
Sanjeev Kumar Raghuwanshi, Indian Institute of Technology, India

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TENTATIVE PROGRAM

Title:Eco-friendly and high yield synthesis of Graphene
A.S.Khanna, IIT Bombay, India

Title:Two Dimensional Functional Nanomaterials For Electronic and Energy Devices G
Santanu Das, Indian Institute of Technology (BHU), India

Title:Reusable manganese nanocatalyst for chemo-selective hydrogenation of nitroarenes
Garima Jaiswal, CSIR-National Chemical Laboratory (CSIR-NCL), India.

Title:Influence of Titanium (Ti) Addition on Wear Properties of Aluminium-Silicon-Copper (Al-Si-Cu) Eutectic Alloy
Chittappa.H.C, University Visvesvaraya College of Engineering, India

Title:Optimal Design, Simulation and Characterization of High-Efficiency SnS Based Solar Cell
Saurabh Kumar Pandey, Indian Institute of Technology Patna, India

Title:Possible to Excite Transmission of Nerve Signals in Brain for Cancer Therapy
Arvydas Tamulis, Independent expert of European Commission, Lithuania

Title:Methylene blue sorption on CS/Nano-γ alumina as a novel and environmentally friendly adsorbent
Abbas Teimouri, Payame Noor University, Iran

Title:Nanotechnology and the solar collectors future
Ahmed Kadhim Hussein, Babylon University,Iraq

Title:Layered nanoreactors, promising implements to produce metal and non-metal doped carbon nanosheets for use in energy conversion and storage devices
Mohammad Yeganeh Ghotbi, Malayer University, Iran

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

Title:Some peculiarities of isotopic materials science
V.G. Plekhanov, Fonoriton Sci. Lab., Garon LtD., Estonia

Title:Analysis of heat transfer in a closed cavity ventilated inside
Benseghir Omar, USTHB, Algeria

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TENTATIVE PROGRAM

Title:Welding of Dissimilar Materials
Zakaria Boumerzoug, University of Biskra, Algeria

Title:Effects of ZnO ratios on Structural and Optical Properties of SnO2 Thin Films
M.A.BENALI, Djillali Liabes University, Algeria

Title:Chemical Nano Metallurgy with Structural and Behavioral Anisotropy
Zahoor Ahmad, Mirpur University of Science ant Technology (MUST), Pakistan

Title:PRECISION MODELING: APPLICATION OF METAHEURISTICS ON CURRENT-VOLTAGE CURVES OF SUPERCONDUCTING FILMS
Syed Rameez Naqvi, COMSATS Institute of Information Technology, Pakistan

Title:Potential uses of Gamma Exposed Chitosan as Plant Growth Promoter, Nutrient Contents and Anti-fungal agent
Ferdous Aktar, University of Dhaka, Bangladesh

Title:A STUDY OF REINFORCED CONCRETE UNDER THE CYCLIC LOADING CONDITION: PROPERTIES INVESTIGATION
T.L PRADEEP, The Open University of Sri Lanka, Sri Lanka

Title:Use of Swelling Elastomers in Drilling and Development of Oil and Gas Wells; Elastomer Research at Sultan Qaboos University
Sayyad Zahid Qamar, Sultan Qaboos University,Oman

Title:Enhancement in the dielectric properties of the PVDF-BTO nanocomposite with the employment of rGO contents
Usman Yaqoon, University of Ulsan, Republic of Korea

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City Attractions









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