EuroSciCon

European Annual Conference on

Advance and Energy Materials

October 07-09, Osaka, Japan

2019



Advanced Materials 2019

https://energy-materials.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: **Advanced energy materials**	Talks On: **Systems Dynamics & Sustainable Energy**	Talks On: **Advanced Graphene Materials**
	Talks On: **Modelling and simulation in Energy materials**	Talks On: **Smart Power Grids**	Talks On: **Crystalline Porous Materials**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Fuel cells**	Panel Over: **Fossil Energy**	Panel Over: **3D Microstructural Characterization of Materials**
	Workshop On: **Thin Films and Surface Science**	Workshop On: **3D Microstructural Characterization of Materials**	Workshop On: **Catalysis and Energy Materials**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Concentrating Solar Power Materials and Systems**	Talks On: **Advanced energy materials**	Talks On: **Polymer Energy Materials**
	Lectures on: **Sustainable Energy Materials Conversion**	Lectures on: **Thin Films and Surface Science**	Lectures on: **Advanced Nanomaterials**
06:00 PM	Session On: **3D Microstructural Characterization of Materials**	Session On: **Concentrating Solar Power Materials and Systems**	Session On: **Biomaterials for Energy Production**
	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 Graphene Materials**	Talks On: **Sustainable Energy Materials Conversion**	Talks On: **Emerging Technologies for Energy Applications**
	Talks On: **Hydrogen Energy**	Talks On: **Advanced Graphene Materials**	Talks On: **Energy Harvesting Materials**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Hydrogen Energy**	Panel Over: **Hydrogen Energy**	Panel Over: **Batteries and Energy Storage**
	Workshop On: **Catalysis and Energy Materials**	Workshop On: **Fuel cells**	Workshop On: **Nuclear Materials and Energy**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Polymer Energy Materials**	Talks On: **Crystalline Porous Materials**	Talks On: **Geothermal Energy**
	Lectures on: **Advanced Nanomaterials**	Lectures on: **Solidification of Energy Materials**	Lectures on: **Advanced energy materials**
06:00 PM	Session On: **Advanced Nanomaterials**	Session On: **Advanced Nanomaterials**	Session On: **Modelling and simulation in Energy 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: **Emerging Technologies for Energy Applications**	Talks On: **Biomaterials for Energy Production**	Talks On: **Fuel cells**
	Talks On: **Energy Harvesting Materials**	Talks On: **Emerging Technologies for Energy Applications**	Talks On: **Thin Films and Surface Science**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Batteries and Energy Storage**	Panel Over: **Energy Harvesting Materials**	Panel Over: **Concentrating Solar Power Materials and Systems**
	Workshop On: **Nuclear Materials and Energy**	Workshop On: **Solidification of Energy Materials**	Workshop On: **Sustainable Energy Materials Conversion**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Geothermal Energy**	Talks On: **Electrochemical energy conversion**	Talks On: **3D Microstructural Characterization of Materials**
	Lectures on: **Electrochemical energy conversion**	Lectures on: **Batteries and Energy Storage**	Lectures on: **Hydrogen Energy**
06:00 PM	Session On: **Automotive Technologies and Fuel Economy**	Session On: **Nuclear Materials and Energy**	Session On: **Systems Dynamics & Sustainable Energy**
	NETWORKING	**NETWORKING**	**NETWORKING**

EuroSciCon Material Science Past Conferences Program

Materials Congress 2018 Participants

EuroSciCon



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

Advance and Energy Materials
Advance and Energy Materials
October 07-09, 2019
Osaka, Japan
Email: energymaterials@eurosciconevents.com
Website: https://energy-materials.euroscicon.com

European Conference on
Lasers, Optics and Photonics
May 09-11, 2019
Stockholm, Sweden
Email: optics@engineeringeuroscicon.com
Website: https://optics.euroscicon.com/

Agenda Day 1: October 04, 2018

08:00-08:30 **Registrations**

08:30-08:55 Opening Ceremony

08:55-09:00 **Introduction**

Session Start @ Meeting Place 1

Keynote Presentations

09:00-09:30
Title: Microfluidics-enabled Structures for Manipulating Liquids
Liqiu Wang, University of Hong Kong, Hong Kong

09:30-10:00
Title: Innovative Wave Power Generator System Using Dielectric Elastomer
Seiki Chiba, Chiba Science Institute, Japan

10:00-10:30
Title: Graphene based platforms for biosensing and enhanced optical imaging
Alicia de Andres, Materials Science Institute of Madrid, Spain

10:30-11:00
Title: Photo-Atomic-Layer-Etching: an innovative tool for nanostructuring of quantum semiconductor microstructures
Jan J Dubowski, University de sherbrooke, Canada

Group Photo : 11:00-11:05

Networking & Refreshments 11:05-11:20 @ Pre Function Area

Plenary Session

Nano Fluidics | Nanoscience and Technology | Graphene and its Applications | Nano Composites | Nano Medicine | Nano Materials Synthesis and Characterisation | Materials Science and Engineering Physics | Smart Materials and Technologies

Session Chair: Jinping Suo, Huazhong University of Science and Technology, China

Session Co-Chair: Hongwei Zhu, Tsinghua University, China

11:20-11:45
Title: Shape Memory Behavior and Their applications of Bio-based Fibers
Jinlian Hu, The Hong Kong Polytechnic University, China

11:45-12:10
Title: Graphene NEMS technology for extreme sensing and nano thermal engineering
Hiroshi Mizuta, Japan Advanced Institute of Science and Technology, Japan

12:10-12:35
Title: Microtubular nanomembrane devices: From nanophotonics to nanorobotics
Oliver G Schmidt, IFW Dresden, Germany

12:35-13:00
Title: Nanoparticles Tailored High Voltage Insulation Materials
Jinliang He, Tsinghua University, China

13:00-13:25
Title: Novel Perspectives in Nanomedicine: example of engineered nanoparticles for breast cancer therapy
Macarena Peran, University of Jaen, Spain

Lunch Break 13:25-14:00 @ The Gallery

Special Workshop Session @ 14:00 - 15:20

Nanotechnology based solutions for enhanced products and processes in existing industrial manufacturing plants

Session Chair: Elena Melotti, Warrant Group S.r.l. - Gruppo Tecnoinvestimenti, Italy

14:00-14:20
Title: IZADI-NANO2INDUSTRY: an H2020 project to impulse the uptake of nanotechnology based solutions
Cristina Elizetxea, TECNALIA, Spain
Maider Garcia de Cortazar, TECNALIA, Spain
Isella Vicini, Warrant Group S.r.l. – Gruppo Tecnoinvestimenti, Italy

14:20-14:40 **Title: Nanoreinforced thermoplastic based on masterbatches and inserts with nanotextured surfaces for injection moulds**

Mario Ordonez, MAIER Technology Centre, Spain
Alicia Johansson, NIL Technology ApS, Denmark

14:40-14:50 **Title: Nano-reinforcements added and dispersed via master-pellets in a new, low cost and safe gravity casting process**

Pedro Egizabal, TECNALIA, Spain

14:50-15:10 **Title: Nanostructured powders for metallic cermet coatings and thermal spray technology for solid state deposition**

Maria Parco, TECNALIA, Spain
Riccardo Borghini, Bonfiglioli Riduttori, Italy

15:10-15:20 **Title: Industrialization challenges**

Angel Hernán, SISTEPLANT, Spain
Nagore García, SEMATEC, Spain

Plenary Session continues

15:20-15:45 **Title: Ultra-sensitive Graphene Sensors for IoT Applications**

Hongwei Zhu, Tsinghua University, China

15:45-16:10 **Title: Diversification of Nanowire Building Blocks by Post-synthesis Modifications; Monolayer Doping & Self-processing Synthesis**

Roie Yerushalmi, The Hebrew University, Israel

16:10-16:35 **Title: How to: GMP manufacturing of nanomedicines for clinical trials**

Silvie Meeuwissen, ChemConnection, Netherlands

Networking & Refreshments 16:35-16:50 @ Pre Function Area

16:50-17:15 **Title: Nanotechnology, cementitious nanocomposites and restoration materials**

Styliani Papatzani, University of Brighton, UK

17:15-17:40 **Title: Printing Nanostructures on Contact Lenses for Wearable Diagnostics**

Haider Butt, University of Birmingham, UK

Speaker Session

17:40-18:00 **Title: Nanostructured sensors for colorectal cancer screening device**

Giulia Zonta, University of Ferrara, Italy

18:00-18:20 **Title: Bare eye detection based on gold nanoparticles as alternative for traditional analytical methods**

Essy Kouadio Fodjo, Felix HOUPHOUET-BOIGNY University, Cote dIvoire

Agenda Day 2: October 05, 2018

Keynote Presentations

09:00-09:30 **Title: Bioinspired wettability surfaces: Development in micro- and nanostructures**

Yongmei Zheng, Beihang University (BUAA), Beijing, China

09:30-10:00 **Title: Nanomaterials for transparent electrodes: properties, challenges and prospects**

Daniel Bellet, Grenoble University France

10:00-10:30 **Title: Vacancy-mediated self- and inter-diffusion in intermetallics: Kinetic Monte Carlo simulation**

Rafal Kozubski, Jagiellonian University, Poland

10:30-11:00 **Title: Thymoquinone-Based Nanoformulations for Cancer Treatment**

Hala Gali-Muhtasib, American University of Beirut, Lebanon

Networking & Refreshments 11:00-11:15 @ Pre Function Area

Plenary Session

Advanced Nanomaterials | Nano Medicine | Nanotech for Energy and Environment | Nano Composites | Nanoscience and Technology | Nanotechnology in Agriculture and Food Industry | Material science and Engineering Physics | Materials for Energy and Environmental Sustainability | Physics and Chemistry of Materials | Emerging Smart Materials | Nanomaterials and Nanotechnology | Smart Biomaterials and Medical Devices | Market Demand and Value | Mechanics, Characterization Techniques and Equipments

Session Chair: Alojz Ivankovic, University College Dublin, Ireland

Session Co-Chair: Jaehwan Kim, Inha University, South Korea

11:15-11:40 **Title: The Quasi-Solid State Single-Atom Transistor: Perspectives for Quantum Electronics at Room Temperature**

Thomas Schimmel, Karlsruhe Institute of Technology, Germany

11:40-12:05 **Title: Effect of different nitride nano-particles on the hydrogen permeability of N-ODS steel**

Jinping Suo, Huazhong University of Science and Technology, China

12:05-12:30 **Title: Cellulose based Smart Materials for Future Technology**

Jaehwan Kim, Inha University, South Korea

12:30-12:55 **Title: Bulk Nanostructured Materials produces by severe plastic deformation – science and applications**

Daria Setman, University of Vienna, Austria

12:55-13:20 **Title: Tomographic and chemical analysis of the lipid vesicles inside bacteria for biofuel production by a new multi-frequency UA-AFM-IR platform**

Eric Lesniewska, University of Bourgogne, France

Lunch Break 13:20-13:50 @ The Gallery

13:50-14:15 **Title: Nanostructured catalysts for CO2 reduction**

Angelica Chiodoni, Istituto Italiano Di Tecnologia, Italy

14:15-14:40 **Title: Selective Laser Processing of Metal Nanomaterials for Flexible and Stretchable Electronics Applications**

Seung Hwan Ko, Seoul National University, South Korea

14:40-15:05 **Title: Thin and ultrathin protective coatings – multifunctional and industrial**

Vaino Sammelselg, University of Tartu, Estonia

15:05-15:30 **Title: Tailoring the properties of structural adhesives and fibre reinforced plastics using nano-additives**

Alojz Ivankovic, University College Dublin, Ireland

15:30-15:55 **Title: Implementation of an Analytical Methodology to Assess the Fraction of TiO2 Nanoparticles in Food Additive E171 by EM and SP-ICP-MS**

Eveline Verleysen, Sciensano Research Institute, Belgium

15:55-16:20 **Title: Nanodielectrics for High-Temperature Film Capacitors**

Qi Li, Tsinghua University, China

Networking & Refreshments 16:20-16:35 @ Pre Function Area

16:35-17:00 **Title: Glucose Sensor Using Microwave Sensing Technique**

Poonam Agarwal, Jawaharlal Nehru University, India

17:00-17:20 **Title: Mixed monolayer and PEG Linker Functionalised Gold Nanoparticles**

Dorian Dixon, Ulster University, Ireland

17:25-17:50 **Title: Deep Learning for MEMS**

Ankit Agarwal, Mobileum India Private Ltd., India

Young Researchers Forum

17:50-18:05 **Title: Evaluation of an EM- and SP-ICP-MS-based methodology to characterize the nano-sized fraction of particles in food additive E174**

Sandra De Vos, Sciensano Research Institute, Belgium

Poster Presentation 18:05-18:20 @ Pre Function Area

NSM-01 **Title: Detection of nuclear material with moisture concent by using LIBS technique**

Seunghyun Kim, Korea Radioactive Waste Agency, Korea

NSM-02 **Title: The Control Mechanism of Nano SiO2/Epoxy Composite Coating on Surface Charge in Epoxy Resin**

Youping Tu, North China Electric Power University, China

Agenda Day 3: October 06, 2018

Keynote Presentations

09:00-09:30 **Title: Wind tunnel test of dielectric elastomer actuator for Mars airplane**

Koji Fujita, Tohoku University, Japan

09:30-10:00 **Title: Soft Two-Dimensional Nanomaterials at Biointerfaces**

Mohsen Adeli, Free University of Berlin, Germany

Plenary Session

Smart Structures | Smart Materials in Industrial Application | Nanotech for Energy and Environment | Nanoscience and Technology | Materials Science and Engineering Physics | Advanced Nanomaterials | Nano Medicine | Ceramics and Composite Materials | Graphene and 2D Materials

Session Chair: Thomas Schimmel, Karlsruhe Institute of Technology, Germany

Session Co-Chair: Daria Setman, University of Vienna, Austria

10:00-10:25 **Title: The Salvinia Effect: Perspectives for Drag Reduction and Antifouling Using a Permanent Layer of Air Under Water**
Thomas Schimmel, Karlsruhe Institute of Technology, Germany

10:25-10:50 **Title: Assessment of representative material properties of ceramic materials through inverse analysis**
Vladimir Buljak, University of Belgrade, Serbia

10:50-11:15 **Title: A concept of double layer capacitance motivated by nanotechnology**
Jingyuan Chen, University of Fukui, Japan

11:15-11:40 **Title: Widefield confocal microscope for surface wave k-vector measurement**
Suejit Pechprasarn, Rangsit University, Thailand

Networking & Refreshments 11:40-12:00 @ Pre Function Area

Speaker Session

12:00-12:20 **Title: A magnetic SERS probe fabrication & in cell**
Huanhuan Feng, Harbin Institute of Technology, China

12:20-12:40 **Title: Tumor Vascular Embolization Therapy Triggered via BBR Nanoparticle Aggregation**
Tingting Zheng, Peking University, China

12:40-13:00 **Title: The Effect of Magnetic Resonance Imaging (MRI) on Some Properties of Acrylic Resin Denture Base Materials**
Ahmed I. AL-Khyet, Mosul University, Iraq

13:00-13:20 **Title: Strengthening of Prestressed Steel–Concrete Composite Beams Using Carbon Fiber tendons (Parametic study)**
Ahmed Elbelbisi, Zagazig University, Egypt

13:20-13:40 **Title: Structural Health Monitoring Based on Wave Propagation Pattern in Space Frame Structures**
Mohammad Tahay Abadi, Aerospace Research Institute, Iran

13:40-14:00 **Title: Green synthesis of iron oxide nanorods from deciduous Omani mango tree leaves for heavy oil viscosity treatment**
Majid Al-Ruqeishi, Sultan Qaboos University, Oman

Lunch Break 14:00-15:00 @ The Gallery

Panel Discussion & Closing Ceremony

Past Affiliates

Michael Giersig
Freie Universität Berlin, Germany

Filippo Berto
Norwegian University of Science and Technology, Norway

Ioanna Giouroudi Jovanović
Vienna University of Technology, Austria

Boris Chichkov
Laser Zentrum Hannover e.V., Germany

Said A Mansour
Qatar Foundation Institute, Qatar

Mohabattul Zaman Bukhari
Universiti Malaysia Perlis, Malaysia

Robert Brandt
University of Siegen, Germany

Yuri S. Kivshar
Australian National University, Australia

Yongmei Zheng
Beihang University, China

Francisco Javier Pérez Trujillo
Universidad Complutense Madrid, Spain

Leonid Getsov
NPO ZKTI, Russia

Martina Stefanova-Atanasova
KAOLIN LEAD, Bulgaria

Luc Avérous
University of Strasbourg, France

Luísa M.D.R.S. Martins
Portuguese Electrochemical Society, Portugal

Han-Taw Chen
National Cheng Kung University, Taiwan

Reza Ektesabi
Canadian Nano Society, Canada

Ricardo Branco
University of Coimbra, Portugal

Shlomo Berger
Technion, Israel

Max Lu
University of Surrey, Australia

Ghada Amer
Arab Science and Technology Foundation, Egypt

Zizi Abdeen
Egyptian Petroleum Research Institute, Egypt

Jakob Kübarsepp
Tallinn Ubiversity of Technology, Estonia

Nikolai A. Sobolev
University of Aveiro, Portugal

Teresa Monteiro
University of Aveiro, Portugal

"Virginie M. Boucher
Megatech Industries, Spain"

"Haruo Sugi
Teikyo University Medical School, Japan"

"Ming Dao
Nanomechanics Laboratory, MIT, USA"

"Hikmat S. Hilal
An-Najah N. University, Palestine"

"Itai Pelled
TIPA Corp, Israel"

"Genda Chen
Missouri University of Science and Technology , USA"

"Barbara Bonelli
Politecnico di Torino, Italy"

"Kar Seng (Vincent) Teng
Swansea University, UK"

"Peng-Sheng Wei
National Sun Yat-Sen University , Taiwan"

"Ali Sabea Hammood
University of Kufa, Iraq"

"Bingkun K. Chen
Mayo Clinic, USA"

"Rafal Abdank-Kozubski
Jagiellonian University, Poland"

Past Affiliates

"**Mehdi Saniei**
University of Toronto, Canada"

"**Nekane Guarrotxena**
Institute of Polymers Science and Technology, Spain"

"**Jacek Przybylski**
Czestochowa University of Technology, Poland"

"**Rahul Mane**
Shivaji University, India"

"**Mustafa Soylak**
Erciyes University, Turkey"

"**Kwun Nam HUI**
University of Macau, China"

"**Ali Omar**
Central Metallurgical R& D Institute, Egypt"

"**Dinesh Amalnerkar**
Sungkyunkwan University, South Korea"

"**L.W. Zhang**
Shanghai Jiao Tong University, China"

"**Oras A. S. Al-Ani**
Newcastle University, UK"

"**Jinn P. Chu**
National Taiwan University of Science and Technology, Taiwan "

"**Dan Cohen**
Informatix, Contractor of the Israeli Space Agency, Israel"

"**Monika Michalska**
Institute of Electronic Materials Technology, Poland"

"**Habil. Simona Cavalu**
University of Oradea, Romania"

"**Jesus Ma. Rincon**
Eduardo Torroja Institute for Construction Sciences, Spain"

"**Mary M. Eshaghian-Wilner**
University of Southern California, USA"

"**Meiyong Liao**
National Institute for Materials Science, Japan"

"**Frederic Aguesse**
CIC Energigune, Spain"

"**Jordi Arbiol**
Institut Català de Nanociència i Nanotecnologia (ICN2), CSIC, Spain"

"**Hamed Sabet**
Islamic Azad University, Iran"

"**Ester Barrachina Albert**
Universitat Jaume I, Spain"

"**Devesh K. Agrawal**
Baker Hughes, Enterprise Research, USA"

"**Milica Marceta Kaninski**
Vinca Institute of Nuclear Sciences, Serbia"

"**Maximina Romero**
Eduardo Torroja Institute for Construction Sciences, Spain"

"**Amer A. Taqa**
Mosul University, Iraq"

"**Ajay Kumar Mishra**
University of South Africa, South Africa"

"**Angelo R. Maligno**
University of Derby, UK"

"**A. Abdelghani**
National Institute of Applied Science and Technology (INSAT, Tunisia) , Tunisia"

"**Raja Rizwan Hussain**
King Saud University, Saudi Arabia"

"**Oleg L. Figovsky**
INRC Polymate, Israel"

"**Lars Montelius**
International Iberian Nanotechnology Laboratory (INL), Portugal "

"**Sevil Dinçer İşoğlu**
Abdullah Gul University, Turkey"

"**Dongyang Li**
University of Alberta, Canada"

"**Alexander M. Seifalian**
University College London, UK"

"**Ivana Validžić**
Vinca Institute of Nuclear Sciences, Serbia"

"**Abbas Amini**
Western Sydney University, Australia"

"**Ivoyl P. Koutsaroff**
Qorvo Inc, USA"

"**Brian Yuliarto**
Institut Teknologi Bandung, Indonesia"

"**Hiroyuki Serizawa**
Japan Atomic Energy Agency, Japan"

Energy Materials 2019

Past Affiliates

"**Manijeh Razeghi**
Northwestern University, USA"

"**Alexander Böker**
Fraunhofer- Institute for Applied Polymer Research (IAP), Germany"

"**Alexander Karamanov**
Bulgarian Academy of Sciences, Bulgaria"

"**Detlef Bahnemann**
Leibniz University of Hannover, Germany"

"**Jiabao Yi**
UNSW, School of Materials Science and Engineering, Australia"

"**Yogendra Kumar Mishra**
Christian Albrechts University of Kiel, Germany"

"**Fabrizio Pirri**
Italian Institute of Technology, Italy"

"**Shanmuka Sundaram**
K.S.Rangasamy College of Technology, India"

"**Carlo Montemagno**
University of Alberta, Canada"

"**Marie Paule Pileni**
University P&M Curie, UPMC, France"

"**Shaojun GUO**
Peking University, China"

"**Dimitris Niarchos**
Amen Technologies, Greece"

"**Marcelle Gaune Escard**
Ecole Polytechnique, France"

"**Guoqian Chen**
Peking University, China"

"**Anton Liopo**
UT MD Anderson Cancer Center, United States"

"**Frank Volke**
Fraunhofer IBMT, Germany"

"**Dong Fang Yang**
National Research Council, Canada"

"**GONG Hao**
National University of Singapore, Singapore"

"**Piedad N de Aza**
Miguel Hernandez de Elche University, Spain"

"**Sirikanjana**
Kasetsart University, Thailand"

"**Samuel Frimpong**
M U S T, USA"

"**Pankaj Vadgama**
Queen Mary University of London, UK"

"**Elias Siores**
University of Bolton, United Kingdom"

"**P V Radovanovic**
University of Waterloo, Canada"

"**Angelo Rosario Maligno**
University of Derby, UK"

"**Amr Elnashai**
Penn State University, USA"

"**Antonio Zuorro**
University of Rome, Italy"

"**Annamaria Cucinotta**
University of Parma, Italy"

"**David Cardwell**
University of Cambridge, United Kingdom"

"**Anshuman Srivastava**
SIET Allahabad, India"

"**Yuyuan Zhao**
University of Liverpool, UK"

"**Il Kim**
Pusan National University, Republic of Korea"

"**Alessandra Vitale**
Politecnico di Torino, Italy"

"**Hicham Fenniri**
Northeastern University, USA"

"**KM Liew**
City University of Hong Kong, Hong Kong"

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