



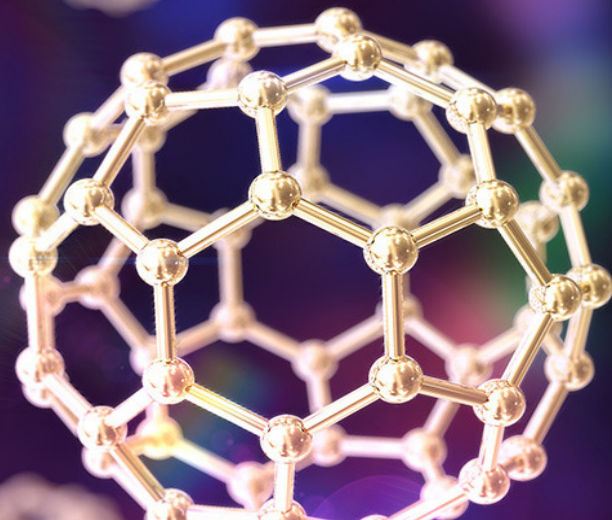
**Linkin
Science**

Exploring & Connecting Science

Scientific Program

**3rd GLOBAL SUMMIT ON NANOTECHNOLOGY,
NANOMEDICINE & MATERIAL SCIENCE**

September 18-20, 2019 | Barcelona, Spain



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SCIENTIFIC PROGRAM

Day 1 September 18, 2019 Hall: Sala Chopin

09:00-09:30-Opening Ceremony

09:30-10:00-Introduction

Keynote Session

10:00-10:45 **Title: Therapeutic applications of extracellular vesicles as vehicles for lysosomal enzymes**

Simó Schwartz Jr, CIBBIM-Nanomedicine (VHIR), Spain

10:45-11:30 **Title: Magnetite Nanoparticles; an important hallmark in Alzheimer's disease**

Monica Mir Llorente, Institute for Bioengineering of Catalonia, Spain



11:30-11:45 Coffee Break

11:45-12:30 **Title: Two Basic Features of Continuum Description of Nano composite Materials**

Jeremiah Rushchitsky, S.P. Timoshenko Institute of Mechanics, Ukraine

Workshop

12:30-13:20 **Title: Perforated composites: Manufacturing, modelling, and industrial applications**

Chris Worrall, TWI Ltd, UK

Keynote Session

13:20-14:05 **Title: Framework structure crystals revisited**

Pierre Saint-Grégoire, Collaborating Academics, France



14:05-14:45 Lunch Break

Workshop

14:45-15:35 Title: The design of a modern tungsten carbide grades for cutting applications

Johan Böhlmark, Lamina Technologies SA, Switzerland

Oral Presentations

15:35-16:05 Title: Mass Spectrometry for characterization of nano materials. Applications, problems and perspectives

Josef Havel, Masaryk University, Czech Republic

16:05-16:35 Title: Formation of self-assembled structures in epoxy nanocomposites: Effect of graphene oxide modification

Ivan Kelnar, Academy of Sciences of the Czech Republic, Czech Republic

16:35-17:05 Title: A new high-resolution microscopy technique

Victor Moro, Universitat de Barcelona, Spain

17:05-17:35 Title: Safer-by-design biocide made of tri-thiol bridged silver nanoparticle assemblies

Isabelle Michaud-Soret, Univ. Grenoble Alpes, France



17:35-18:00 Coffee Break

----SESSION ENDS ----

Day 2 September 19, 2019 Hall: Sala Chopin

Oral Presentations

10:00-10:30 Title: Synergistic effect of post-deformation annealing on the micro-mechanical behavior of Zn-Mg hybrids processed by High-Pressure Torsion

Carl Boehlert, Michigan State University, USA

10:30-11:00 Title: Synthesis and advanced applications of TiO_x based nanostructures

Simonas Ramanavicius, State Research Institute Center for Physical Sciences and Technology, Lithuania

11:00-11:30 Title: Magnetic nanoparticles and nanoscale metal-organic frameworks: Advanced sorbents for sample treatment in determining small molecules of environmental interest

Eladia Peña-Méndez, Universidad de La Laguna, Spain



11:30-11:45 Coffee Break

11:45-12:15 Title: Enhancing the performance of all-copper redox flow batteries by ion exchange membranes

Cristina Flox, Aalto University, Finland

12:15-12:45 Title: Characterization of high performance rubber composites

Gholamhossein Liaghat, Tarbiat Modares University, Iran

12:45-13:15 Title: The Role of Membrane Technology in Sustainable Wastewater Treatment and Reuse: Effluent Quality and Economic Analysis

Gideon Oron, Ben-Gurion University of the Negev, Israel



13:15-13:55 Lunch Break

13:55-14:25 Title: Evaluation of human-structure-damper interaction in a grandstand

Carlos Riascos, Universidad del Valle, Colombia

14:25-14:55 Title: Experimental evaluation of unbonded carbon and polyester fiber reinforced elastomeric seismic isolators

Johannio Marulanda, Universidad del Valle, Colombia

Young Research Forum

14:55-15:20 Title: Metal-Organic-Frameworks as non-viral delivery vehicle for gene therapy in prostate cancer cells

Arpita Poddar, RMIT University, Australia

15:20-15:45 Title: Chitosan coated alginate nanoparticles for oral sustained delivery of liraglutide

Seyedeh Fatemeh Shamekhi, Tarbiat Modares University, Iran

15:45-16:10 Title: Elimination of Cypermethrin using Fe-TiO₂ nanoparticles supported on coconut palm spathe using a solar flat plate photo reactor

Ricardo Solano, University of Cartagena, Colombia



16:10-16:25 Coffee Break

Poster Presentations 16:25- 18:00

GSNNM 01: Title: Ultra-small Methionine-Capped Au⁰/Au⁺ Nanoparticles as efficient drug against most dangerous bacteria

Rokas Žalneravičius, State Research Institute Center for Physical Sciences and Technology, Lithuania

GSNNM 02 Title: Poly (ε-caprolactone) nanoparticles with pH-responsive behavior improved the in vitro antitumor activity of methotrexate

Clarice Rolim, Universidade Federal de Santa Maria, Brazil

GSNNM 03 Title: Surface structure of graphene oxide: A tunable platform for removal of compounds of environmental interest

Eladia Peña-Méndez, Universidad de La Laguna, Spain

GSNNM 04 Title: Laser Ablation Synthesis (LAS) of Ge-Sb, Ge-Te and Sb-Te clusters

Fei Huang, Masaryk University, Czech Republic

GSNNM 05 Title: Non-toxic fluorescent silica nanoparticles for observation of the living cell

Michalina Iwan, Polish Academy of Sciences, Poland

GSNNM 06 Title: Interaction of Black Phosphorus (phosphorene) with small molecules alignment and peptides in MALDI TOF MS

Govinda Mandal, Masaryk University, Czech Republic

GSNNM 07 Title: Functionalization of iron oxide-based magnetic nanoparticles with gold shells

Agne Mikalauskaite, State Research Institute Center for Physical Sciences and Technology, Lithuania

GSNNM 08 Title: First principle study of the magnetic properties of interstitial Co in graphene nanosheet

Mahmoud Jafari, K. N. Toosi University of Technology, Iran

GSNNM 09 Title: Experimental characterization of a seismic isolator prototype with recycled rubber for the mitigation of structures' risk

Lizeth Ortega, Universidad del Valle, Colombia

GSNNM 10 Title: Doping effect of fluorine and chlorine ions implantation on structural and microstructural properties of 2-dimensional tungsten disulfide (WS₂)

Keltouma Ait Aissa, CNRS and Université d'Orléans, France

----SESSION ENDS ----

10:30-11:00 Title: Optimization and modelling of some innovative kerf-free approaches in photovoltaics

Esidor Ntsoenzok, CEMHTI, France

11:00-11:30 Title: Novel materials constructed from enriched isotopes of nonzero nuclear magnetic moments

Reginald B. Little, Stillman College, USA

11:00-11:30 Title: Mechanical behavior of porous Ti_2AlC and Ti_3SiC_2 MAX phases simulated by FEM

Banghuan XU, Universidad Complutense de Madrid, Spain

11:45-12:15 Title: Bioadhesive and biocompatible films of Acyclovir – Chitosan/hyaluronic acid for herpes type 1 treatment

Johanna Valenzuela Oses, National University of San Marcos, Peru

12:15-12:45 Title: Ternary Flip-Flop based on Carbon Nanotube Field Effect Transistor

Soheli Farhana, MIIT, UniKL, Malaysia

12:45-13:15 Title: The effect of Nano Graphene on the milling Process of Nano Composite

Mohammad Afzali, Iran

Bookmark Dates

2nd Global Congress & Expo on Advancements of Laser, Optics & Photonics

July 27-29, 2020 | Paris, France

Email: laseroptics@linkinscience.com Web: www.laseroptics.linkinscience.com

2nd Global Chemical Engineering & Chemistry Conference

July 27-29, 2020 | Paris, France

E: chemistryconference@linkinscience.com W: www.chemistryconference.linkinscience.com

3rd Global Cancer Meet & Expo

July 27-29, 2020 | Paris, France

Email: cancermeet@linkinscience.com Web: www.globalcancermeet.com

2nd Global Congress on Alzheimers, Dementia & Central Nervous Disorders

July 22-24, 2020 | Amsterdam, Netherlands

Email: dementia@linkinscience.com Web: www.alzheimers-dementia.linkinscience.com

2nd Pharmaceuticals, Pharmacology & Drug Delivery Systems

July 22-24, 2020 | Amsterdam, Netherlands

Email: pharmameet@linkinscience.com Web: www.globalpharmameet.com