Global Conference on Nanotechnology and Materials Science (GNMS-2019)

Valencia, Spain

08-10, April 2019

Tentative Programme

**Keynote Slots Are Available**

**Oral Presentations Slots Are Also Available**

**Final Timings May Be Altered Based On The Final Number Of the Participants**

**Session Chairs & Co-Chairs Will Be Added Later In The Final Program**

Tentative Programme

**Keynote Talks**

Aharon Gedanken
Bar-Ilan University, Israel

Tetsu Mitsumata
Niigata University, Japan
# Nanotechnology-2019

April 08-10, 2019 | Valencia, Spain

## Day 1

### Keynote Session

**Title:** Carbon Dots and Metal Doped Carbon Dots: Synthesis & Applications  
Aharon Gedanken, Bar-Ilan University, Israel

**Title:** Magnetic Soft Composite with Variable Elasticity and Its Applications  
Tetsu Mitsumata, Niigata University, Japan

### Oral Presentations

**Title:** Nanocomposites from renewable raw materials  
Industrial Chemistry Research Research Institute, Poland

**Title:** High Modulation optoelectronic switching with surface plasmons polariton diodes  
Louisiana Tech University, LA, USA

**Title:** Stable Logic Operation of Fibre-based Single-Walled Carbon Nanotube Transistor Circuits for E-textile CMOS Circuitry  
University of Connecticut Health Center, USA

**Title:** Biocidal polymer nanocomposites  
Industrial Chemistry Research Research Institute, Poland

**Title:** The Nature of Chemical Bonds in the New Nonclassical Compounds and Materials  
Southern Federal University, Russian Federation

**Title:** Deviating electric and magnetic features of protons, neutrons and electrons in nanoscale materials according to twin physics  
Gualtherus Sylvanusstraat, Netherlands

**Title:** Numerical evaluation of the effect of the used activator on the formation of the microporous structure of the activated carbons  
AGH University of Science and Technology, Poland

**Title:** Design and Operation of Low Energy Consumption Passive Human Comfort solutions  
Energy Research Institute (ERI), Nottingham, United Kingdom

**Title:** In GaN/GaN nanowires for piezoelectric generation  
Center for Nanosciences and Nanotechnologies, France
Title: 3D method and codes for simulation of dynamic FSI problems in Euler variables using multi mesh algorithms based on a unified high order modification of Godunov scheme on compact stencil for CFD and CSD
University N I Lobachevsky, Russia

Title: Contribution to the study of fluid flow in a stirred tank by introducing microparticles
University TAHRI Mohamed BECHAR, Algeria

Title: Surface-activity and antimicrobial performance of synthesized (symmetric and dissymmetric) Gemini surfactant and Silver nanoparticles loaded Gemini surfactants integrated with microscopy and scattering investigation
Sardar Vallabhbhai National Institute of Technology, India

Day 2
Keynote Session
Title: The Role of Stressing and Thermal Treatments in Memory Behaviour of Shape Memory Alloys
Osman Adiguzel, Firat University, Turkey

Oral Presentations

Title: Periodical Rehabilitation of the RPV Steel Nanostructure under Neutron Irradiation at Low Dose Rate
National Research Centre Kurchatov Institute, Russia

Title: Nanogold-metal oxide materials for the trapping and preconcentration of mercury
University of the Witwatersrand, South Africa

Title: Synthesis of advanced nanomaterials via simplified electrochemically mediated ATRP
Rzeszow University of Technology, Poland

Title: Adsorption fresh water extraction from the atmosphere employing MOFs as the adsorbents
Boreskov Institute of Catalysis, Russia

Title: Dissolution of functionalized nanoparticles in simulated biological and environmental fluids
University of Witwatersrand, South Africa

Title: Synthesis of advanced nanomaterials via simplified electrochemically mediated ATRP
Rzeszow University of Technology, Poland

Title: Interaction of light with colloidal suspension of plasmonic nanoparticles
Jawaharlal Nehru University, India

Title: Spherical silica filled nanostructured polyolefins composites
Industrial Chemistry Research Institute, Poland
### Title: Surface Dynamics and Exciton Relaxation Processes in Nanocomposites Based on Semiconductor Quantum Dots CdSe/ZnS and Organic Dyes

National Technical University, Belarus

### Day 3

#### Posters

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Few Oral/Poster Slots Available
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