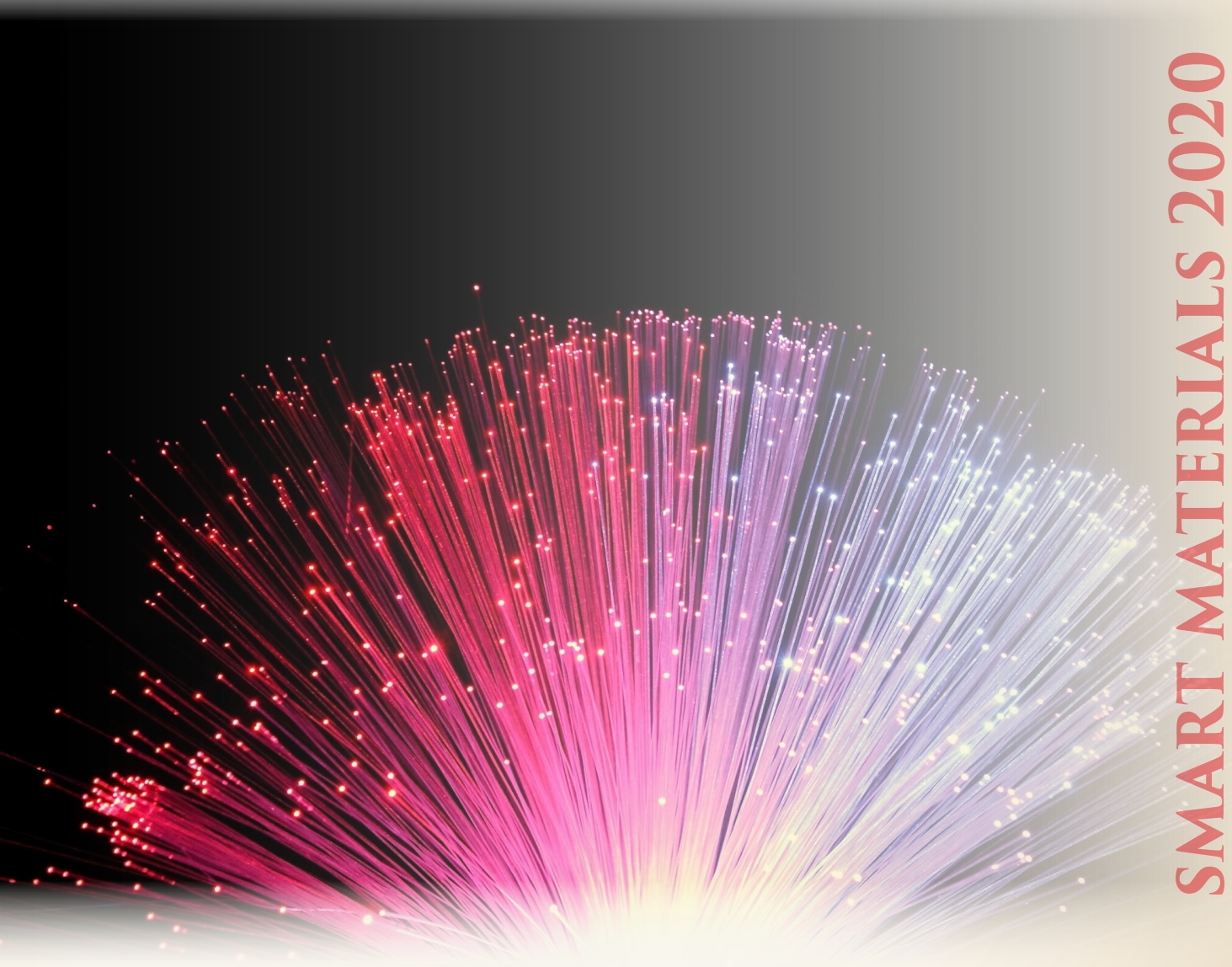
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Tentative Program

7th International Conference on

SMART MATERIALS AND NANOTECHNOLOGY

March 16-17, 2020 | Frankfurt, Germany



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Scientific Program

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Registrations
08:30-09:30

Opening Ceremony
09:30-09:55

Day 1 : March 16, 2020

Key Note Forum

Title: Nano-, Bio-, and Info-Tech Sensors and Smart Systems in Engineering and Medicine
Vijay K Varadan, Pennsylvania State University College of Medicine, Pennsylvania

Title: Nanocolumnar coatings: sustainable manufacturing and applications in biomedicine
Jose Miguel Garcia-Martin, Institute of Micro and Nanotechnology, Spain

Title: Making the Hospital a Safer Place by the Sonochemical Coating of all its Textiles and Medical Devices with Antibacterial Nanoparticles
Aharon Gedanken, Bar-Ilan University, Israel

Speaker Session

Title: Nano-fabrication of individual nano-devices using mechanical bottom-up nano-assembling and nanomanipulation using shape memory alloy nano-gripper
Svetlana von Gratowski, IRE RAS, Russia

Title: New functional shape memory alloy nano-materials with phase transitions for nanotechnology, biomedicine, energy and quantum transportation
Victor Koledov, Kotel'nikov Institute of Radioengineering and Electronics, Russia

Title: Stimulation of fracture healing in a murine osteoporosis model by pasty bone cement functionalized with brain-derived neurotrophic factor
Katrin S Lips, Justus-Liebig-University Giessen, Germany

Title: Microwave-assisted synthesis of metal semiconductors heterojunctions with photocatalytic applications
Juliana S. Souza, Universidade Federal do ABC, Brazil

Title: Electrospun nanofibers – fabrication and applications with an insight into smart nanofibrous materials
Emilija Zdraveva, University of Zagreb, Croatia

Title: Hetero-structures optimized microwave absorption performance based on 2D Mo/WS2 hybrids
Junye Cheng, The Hong Kong Polytechnic University, China

Title: Solar Photocatalytic Removal of Organic Dyes and Toxic Metals from Industrial Wastewater using Graphene Supported Inexpensive Semiconductors
Abhijit Ray, Pandit Deendayal Petroleum University, India

Title: Effect of CEO2 incorporation in Ni/YSZ anode materials on electrical performance of solid oxide fuel cell
Ranjan Kumar Pati, Pandit Deendayal Petroleum University, India

Title: Nano ring formation of MWCNT by dewetting of thin film
Surita Basu, Indian Institute of Technology, India

Title: pH Stimulus Polymers: A Brief Overview of their Scope and Applications
Nayab Abdul Karim, University of Engineering & Technology, Pakistan

Poster Presentation

Title: Investigation of electrostrictive polymer efficiency for electromechanical energy harvesting
Rida Farhan, University Hassan II Casablanca, Morocco

Title: Miniaturization of patterns formed in non-homogeneous soft thin film
Sunita Singh, Indian Institute of Technology, India

Title: Bio-inspired Synthesis of Platinum Nanoparticles from Fungus Fusarium Oxysporum: its Characteristics, Potential Antimicrobial, Antioxidant and Photocatalytic Activities
Khushbu Gupta, The NorthCap University, India

Title: Perovskite Solar Cells with Cesium doping
Ubaid Khan, Beijing Institute of Technology, China

B2B Meetings & Panel Discussions

Please note that this is a Tentative Program. Timings in this program may subject to change

For Speaker opportunities mail us at: smartmaterials@pulsusseries.com

