Day 1  April 21, 2016
09:00-10:00  Registrations

Grand Hall C

conference-series.com 10:00-10:15
Opening Ceremony

Keynote Forum

10:15-10:30  Introduction
10:30-11:00  Title: Controlled growth of carbon nano-tube forest and graphene by chemical vapor deposition
             Masamichi Yoshimura, Toyota Technological Institute, Japan

Networking & Refreshments Break 11:00-11:15 @ Foyer

11:15-11:45  Title: iNAPO - Ion conducting nanopores in polymer foils as (bio)chemical sensors
              Wolfgang Ensinger, Darmstadt University of Technology, Germany

11:45-12:15  Title: Tailoring electronic and phononic properties at nanoscale for higher thermoelectric efficiency
              Biplab Paul, Linkoping University, Sweden

Group Photo

Track 1: Nanomaterials Characterization
Track 4: Advances in Nanomaterials
Track 5: Properties of Nanomaterials
Track 7: Nanotechnology for Energy and Environment
Track 9: Scope of Nanomaterials
Track 10: Lignocellulosic Biomass

Session Chair: Masamichi Yoshimura, Toyota Technological Institute, Japan
Session Chair: Biplab Paul, Linkoping University, Sweden

12:30 – 12:50  Title: Plasmonic colour filters for CMOS image sensors
              Ranjith Rajasekharan Unnithan, The University of Melbourne, Australia

12:50- 13:10  Title: Fabrication of biomimetic hierarchical structures using electrospinning combined with template wetting method for dry-adhesive applications
              Rahul Sahay, Singapore University of Technology and Design, Singapore

Lunch Break 13:10-14:00 @ Restaurant

14:00 - 14:20  Title: Status and Modeling of Nanomedicine
                Mary M. Eshaghian-Wilner, University of Southern California, USA

14:20 - 14:40  Title: Wettability switching of ZnO nano-wires from super-hydrophilic to super-hydrophobic state using reducing/oxidizing gas treatments
                J P Singh, Indian Institute of Technology-Delhi, India

14:40 - 15:00  Title: Polymer disperse liquid crystal display using metallic doping nanospheres
                Chii-Chang Chen, National Central University, Taiwan

15:00 - 15:20  Title: Temperature controlled theranostics for pancreatic cancer
                Clare Hoskins, Keele University, UK

15:20 - 15:40  Title: Controlled modulation of surface–electronic properties of graphene by ion implantation
                Tanuja Mohanty, Jawaharlal Nehru University, India

15:40 - 16:00  Title: Use of a Novel Calix[4]resorcinarene for Drug Solubilisation
                Anthony D.M. Curtis, Keele University, UK

Networking & Refreshments Break 16:00-16:15 @ Foyer

16:15- 16:35  Title: Microstructure, mechanical properties, and machinability of electrically conductive SiC based composites
                Pavol Hvizdos, Slovak Academy of Sciences, Slovakia

16:35 - 16:55  Title: Facile synthesis of graphene-based materials and their applications for water treatment
                Yeojoon Yoon, Korea Electronics Technology Institute, South Korea

16:55 - 17:15  Title: Development of graphene nanoplatelet-based flexible sensor for detecting and monitoring of hazardous chemicals
                Su Yeon Choi, Korea Electronics Technology Institute, Korea

Young Researchers Forum

YRF Judge: Mary M. Eshaghian-Wilner, University of Southern California, USA

17:15– 17:25  Title: Ab initio study of H2S adsorption on graphene doped with P and S
                Seba Sara Varghese, Birla Institute of Technology and Science (BITS), United Arab Emirates
17:25 – 17:35 Title: The study of gold nanoparticles coated with human serum albumin as drug carriers  
Saba A J Sulaiman, Sultan Qaboos University, Sultanate of Oman

17:35 - 17:45 Title: Characterization and in vito evaluation of ascorbic acid nanoparticles at cellular (blood) and chromosomal level  
Syeda Juveriya Fathima, Defence Food Research laboratory, India

Day 2 April 22, 2016

Burgos

Keynote Forum

10:00-10:30 Title: Controlled growth of graphene, carbon nanotubes and transition metal dichalcogenides  
Eui-Hyeok Yang, Stevens Institute of Technology, USA

10:30-11:00 Title: Microfluidics for cell analysis and isolation  
Mohammad A Qasaimeh, New York University Abu Dhabi, UAE

Networking & Refreshments Break 11:00-11:20 @ Foyer

11:20- 11:50 Title: ZnO nanostructures for quantum dots sensitized solar cells  
Basma El Zein, University of Business and Technology, Saudi Arabia

11:50-12:20 Title: InAs HEMTs for high frequency and high speed applications  
Edward Yi Chang, National Chiao Tung University, Taiwan

Track 2: Nanomaterials synthesis
Track 3: Nanodevices and Systems
Track 6: Nano Electronic Devices
Track 8: Nanotechnology Applications
Track 11: Applications of Nanomaterials
Track 12: Nanotech Products

Session Chair: Pavol Hvizdos, Slovak Academy of Sciences, Slovakia

12:30-12:50 Title: Graphene oxide based polymer nanocomposites and their supercapacitor applications  
Abu Bakar Suriani, Universiti Pendidikan Sultan Idris, Malaysia

12:50-13:10 Title: Enhanced dispersion of multiwall carbon nanotubes in natural rubber latex nanocomposites by surfactants bearing phenyl groups  
Azmi Mohamed, Universiti Pendidikan Sultan Idris, Malaysia

Lunch Break 13:10-14:00 @ Restaurant

14:00-14:20 Title: Preparation and properties of effective photocatalytic nanostructures by application of new patented controlled sublimation  
Richard Dvorsky, VŠB-Technical University of Ostrava, Czech Republic

14:20-14:40 Title: Functional metal-oxide nanostructured materials, synthesis characterization and their applications in sensors and energy harvesting  
Ahsanulhaq Qurashi, King Fahd University of Petroleum and Minerals, Saudi Arabia

15:00-15:20 Title: Bioinspired hierarchical structures obtained using electrospinning enabled techniques  
Avinash Baji, Singapore University of Technology and Design, Singapore

15:20-15:40 Title: Investigating the effect of commercial nano coating material on heat reduction through a clear double glazed window  
Ali Al-Radhi, The Australian College of Kuwait, Kuwait

15:40-16:00 Title: Electrical study of organic field effect transistors grown on flexible substrates  
Davoud Dastan, Savitribai Phule Pune University, India

Networking & Refreshments Break 16:00-16:15 @ Foyer

16:15-16:35 Title: Crystallite Mesoporous Tin Dioxide doped with Nano gold  
Tariq Aqeel, Public Authority of Applied Education and Training, Kuwait

16:35-16:55 Title: Nano fluids-its applications and prospects  
Reza Sadr, Texas A&M University, Qatar

Poster Presentations 16:00 – 16:30

Judge: Wolfgang Ensinger, Darmstadt University of Technology, Germany

16:00 – 16:30 Title: Large-area single layer exfoliation of graphene oxide via Couette-Taylor flow reactor  
Yeojoon Yoon, Korea Electronics Technology Institute, South Korea

16:00 – 16:30 Title: Comparative evaluation of organic removal using Ga2O3 and Ga2O3-reduced graphene oxide composite  
Su Yeon Choi, Korea Electronics Technology Institute, Korea

Day 3 April 23, 2016

Closing Ceremony