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13th International Conference and Exhibition on

Advanced Materials and Nanotechnology



October 26-28, 2017 Osaka, Japan

200+	15+	10+	50+	3+	10+	B2B
Participation	Interactive Sessions	Keynote Lectures	Plenary Lectures	Workshops	Exhibitors	Meetings

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Invitation…

Dear Colleagues,

Conference Series is proud to announce the **13th International Conference on Advanced Materials and Nanotechnology**, which is to be held during **October 26-28, 2017** at **Osaka, Japan**.

On this great gathering, Organizing Committee invites participants from all over the globe to take part in this annual conference with the theme "**Exploring the Possibilities in the Field of Advanced Materials and Nanotechnology**". Advanced Materials 2017 aims at sharing new ideas and new technologies amongst the professionals, industrialists and students from research areas of Advanced Materials and Nanotechnology to share their recent innovations and applications and indulge in interactive discussions and technical sessions at the event.

The Conference will also have a space for companies and/or institutions to present their services, products, innovations and research results.

Conference will focus on the following topics during presentations of the three day event, which reflect current education research, developments and innovations internationally and as evidenced in Materials Science and Engineering.

- Advanced Materials and Nano Technology
- Materials Science and Engineering
- Nanotechnology and Polymer science
- Research in Mining and Metallurgy field
- Tissue Science engineering and Biomaterials
- Materials for Green technology and Catalytic materials
- Semiconductors, Fuel Cell and Energy related industries

Organizing Committee Members



Zhenhai Xia
University of North Texas
Denton, USA



Prasad KDV Yarlagadda
Queensland University of Technology, Australia



Yinlian ZHU
Chinese Academy of Sciences, China



Bo Liedberg
Nangyang Technological University, Singapore



Ajay Kumar Mishra
University of South Africa
South Africa



P S Robi
IIT Guwahati
India



Liu Kui
Chinese Academy of Sciences, China



Claudio Cazorla
School of Materials Science and Engineering
Australia



Wenjun Zhang
City University of Hong Kong, China



Ziqi Sun
Queensland University of Technology, Australia



Shaojun GUO
Peking University College of Engineering, China



Nigel D Shepherd
University of North Texas
USA



Chang Liu
Chinese Academy of Sciences, China



Dong Ha Kim
Ewha Womans University
Korea



Shu-Lin Bai
Peking University
China



Young Gun Ko
Yeungnam University
Korea



Hongwei Zhu
Tsinghua University School of Materials Science and Engineering, China



K Iyakutti
SRM University
India



Jwo-Huei Jou
National Tsing Hua University, Taiwan



P R Soni
National Institute of Technology Malaviya
India



Jiangwei Wang
Zhejiang University
China



Somnath Bhattacharyya
IIT Madras
India



Hsu Shih-Chieh
Tamkang University
Taiwan



Tamer A Sebaey
Qatar University
Qatar



Abhijit Pramanick
City University of Hong Kong, Hong Kong

Tentative Agenda

October 26, 2017 Thursday

Time	Session
08:30-09:30	Registrations
09:30-11:30	Keynote Forum
	Group Photo
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 01: Advanced Materials and Functional Devices
13:00-13:45	Lunch Break**
13:45-16:00	Track 02: Engineering Materials
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Track 03: Composite Materials
	Day Concludes

October 27, 2017 Friday

Time	Session
09:30-10:30	Keynote Forum
10:30-11:30	Track 04: Magnetism & Multiferroism | Track 05: Optical Materials and Plasmonics
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 06: Energy and Harvesting Materials Track 07: Nanotechnology-Basics to Applications
13:00-13:45	Lunch Break**
13:45-16:00	Track 08: Nano Materials
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Poster Presentations
	Day Concludes

October 28, 2017 Saturday

Time	Session
09:30-11:30	Track 09: Nano Structures
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 10: Properties of Nano Materials | Track 11: Carbon Nanostructures and Graphene
13:00-13:45	Lunch Break**
13:45-16:00	Track 12: Spintronics | Track 13: Nanoparticle Synthesis and Applications
16:00-16:15	Network & Refreshments Break*
	Award Ceremony
	Conference Concludes

* Exclusive Exhibitor Event | ** Networking Event

Note: Conference schedule is subject to change.

Note: Workshops and Symposia slots are available. To book slot for Workshop and Symposium send us the proposal.

Confirmed Speakers

Advanced Materials and Functional Devices

Title: High Performance Complex Oxide Heterostructures for Nanoelectronic Devices
Sean Li, The University of New South Wales Sydney, Australia
Title: Sintering of ceramic materials using Refused Derived Fuel (RDF): A non-isothermal kinetic model
rababe sani, Université de Toulouse, France
Title: PbS nanoparticles/single-wall carbon nanotubes nanohybrid materials synthesis by means of the pulsed laser deposition approach and their integration into photoactive devices
My Ali El Khakani, Université du Québec, Canada
Title: Accelerating the exploration of Li/Na-ion battery materials via enlarged crystal structure databases
Kai-Ming Ho, Iowa State University, United States
Title: Low voltage, high Q Bi1.5MgNb1.5O7 thin film varactors
Libin Gao, University of Electronic Science and Technology of China, China
Title: Pyroelectricity of Electrospun Polyvinylidene Fluoride/Tungsten Oxide Nanofibrous Membranes
Min-Hui Chou, National Taiwan University of Science and Technology, Taiwan
Title: Development and Synthesis of Polycarbonate-Polyester Copolymer with Heat Resistance
Jungup Park, Chemicals R&D Center, Korea (South)

Carbon Nanostructures and Graphen

Title: Fiber Network Modified with Graphene for Foldable and Wearable Electronics
Pietro Cataldi, Italian Institute of Technology, Italy
Title: Large-Scale High Quality Monolayer Graphene Grown Directly at 150 ?C via Plasma-Assisted Thermal CVD without Transfer Process
Soon Yoon, Chungnam National University, Korea (South)
Title: Transport properties of graphene quantum dots in glycerol and distilled water
Elaheh Goharshadi, Ferdowsi University of Mashhad, Iran
Title: Diamond-like carbon films deposited on curved surface of alumina
Chun-Hsi Su, National Taipei University of Technology, Taiwan
Title: Hot carriers in disordered graphene with hexagonal-Boron Nitride and multilayer graphene: role of two-dimensional material cooling
Chiashain Chuang, Chiba University, Taiwan
Title: Charcteristics of Concrete with Graphene and Carbon Fibres for Marine Environment
S Geetha, Rajalakshmi Engineering College, India
Title: In-situ synthesis of vertical standing nanosized NiO encapsulated in graphene as electrodes for high-performance supercapacitors
Jinghuang Lin, Harbin Institute of Technology, China

Composite Materials

Title: Mechanical properties and ablation properties of SiCf/SiC-TaC composites
Ke Jian, National University of Defense Technology, China
Title: Fabrication and characteristics of carbon nanotube based field-responsive composite materials
Hyoung Jin Choi, Inha University, Korea (South)

Title: Engineering of 2D and 3D Nanostructured Hybrid Composites for Enhanced Mechanical Properties
Bongjun Yeom, Myonji University, Korea (South)
Title: Ensuring the Absence of Thermal Stresses in Inhomogeneous Bodies of Simple Shape using Thermal Field and Material Characteristics
Bohdan Kalynyak, the National Academy of Sciences of Ukraine, Ukraine
Title: Preperation of UV-opaque, visible-transparent acrylic-silica nanocomposite coating with remarkably enhanced physico-mechanical properties
Manouchehr Khorasani, Amirkabir University, Iran
Title: Investigation of doping of CdSe QDs in organic semiconductor for solar cell applications
Ganesh Bhand, Savitribai phule Pune University, India
Title: studies on the synthesis of silica powder from rice husk ash as reinforcement filler in rubber tire tread part: Replacement of commercial precipitated silica
Addis Lemessa Jembere, Bahir Dar institute of Technology, Ethiopia
Title: Fabrication and ion-irradiation response of SiCf/SiC with different sintering additives for nuclear reactor applications
Pipit Fitriani, Yeungnam University, Korea (South)
Title: Fabrication and Applications of Carbon Nanomaterials Filled Multi-functional Nanocomposites
Soon Hyung Hong, Korea Advanced Institute of Science and Technology, Korea (South)
Title: Physical simulation of hot plastic deformation of TiBw/Ti composites
Lin Geng, School of Materials Science and Engineering, China
Title: Fabrication and Applications of Carbon Nanomaterials Filled Multi-functional Nanocomposites
Soon Hyung Hong, Korea Advanced Institute of Science and Technology, Korea (South)
Title: Crystallization and Thermal Behavior of High Density Polyethylene (HDPE) - Thermally Reduced Graphene-Sulfur (TRGS) Hybrid Composites
KISHORE JENA, The Petroleum Institute , Abudhabi, United Arab Emirates

Energy and Harvesting Materials

Title: Smart Materials for Energy Harvesting and Thermal Management - Adaptive Control and Self-Driven Devices for Heat Transfer
yuyan Jiang, Chinese Academy of Sciences, China
Title: Fabrication of Novel Proton conducting PVA-Terpolymer Composite Membrane for Direct Methanol Fuelcells
Mohanapriya Subramanian, Periyar University, India
Title: Electrochemical Synthesis of ZnTe and Cu-ZnTe thin films for low resistive ohmic back contact for CdS/CdTe solar cells
Shivaji Sonawane, sonawane Shivaji Madhukar Bharatiya Jain Sanghatans Arts Science and Commerce College, India
Title: Piezo-energy Harvester of Aligned Electrospun PVDF Nanofibers
Wen-Yuan Zeng, National Taiwan University of Science and Technology, Taiwan
Title: Effects of Anodization Parameters and TiCl4 treatments on TiO2 Nanotubes Morphology for Improving Performance of Dye-Sensitized Solar Cells
Hafiz Muhammad Asif Javed, Punjab BioEnergy Institute, University of Agriculture, Pakistan

Engineering Materials

Title: Effect of heating rate and heating methodology on the mechanical and microstructural properties of Ti-6Al-4V alloy
Amal Shaji Karapuzha, The University of Sheffield, United Kingdom
Title: Ultrathin multifunctional composite coatings
Väino Sammelselg, University of Tartu, Estonia
Title: Towards minimizing the consumption of heavy rare earths in the processing of Nd-Fe-B permanent magnets by electrophoretic deposition
Marko Soderžnik, Dr. Marko Soderžnik Jožef Stefan Institute, Slovenia
Title: EXTRUDED BRIQUETTE (BREX) – New Chharge Component for Modern Metallurgy
Aitber Bizhanov, Metal and Coal Extrusion - RUSSIA , Russian Federation

Title: Refinement of lamellar structures in binary Ti-Al alloys
Daixiu Wei, Tohoku University, Japan
Title: Role of pendant nitrile group on the liquid crystalline behavior of poly(2-cyano-p-phenylene terephthalamide) solutions in N,N-dimethyl acetamide/lithium chloride
Dae Eon Jung, Hanyang University, Korea (South)
Title: EFFECT OF MECHANICAL VIBRATIONS ON AZ91 MG ALLOY DURING SOLIDIFICATION
upender pandel, Malaviya National Institute of Technology, India
Title: Tensile creep behavior and microstructural analysis of a die-cast Mg□4Al□4RE alloy modified by Ca-substitution of half RE
Jian MENG, Chinese Academy of Sciences, China
Title: Electrical investigations of PbTiO3 ceramics with Pb/Ti contents fabricated through solid state sintering reaction method
Nasira Sareecha, The Islamia University of Bahawalpur, Pakistan
Title: Polymer-derived ceramics for Space Applications
PACKIRISAMY SHANMUGAM, Sharda University, India
Title: Effects of Loading Frequency on Cyclic Deformation and Fatigue Behavior of Metastable Austenitic Stainless Steels
Davi Pessoa, Technische Universität Dresden, Germany
Title: Solution-processed ZnPc hole-transporting layers for photovoltaic devices
Tamara potlog, Moldova State University, Moldova
Title: Joining of SiCf/SiC using preceramic polymers
Dong Hyuk Jeong, Yeungnam University, Korea (South)
Title: Effects of brazing temperature on the joining properties of GDC-LSM/metal joint for oxygen transport membranes
MyungDong Kim, Yeungnam University, Korea (South)
Title: Transparent Semiconducting In-doped TiO2 Epitaxial Films Realized Through MOCVD
Xianjin Feng, Shandong University, China
Title: Microstructure and mechanical properties of SiC/SiC joints brazed with Ti-Ni and Ti-Ni-Zr filler alloy
Qin Qi, Harbin Institute of Technology, China

Nano Structures, Nano Materials

Title: 9-3- Single Strand Helicoidal Nanofibers of Photo-Active Polyoxazolines
Vincent LAPINTE, ICGM-IAM Université Montpellier, France
Title: "Nanomaterials and Polymer Nanocomposites for Multifunctional Applications"
Milind Kulkarni, Centre for Materials for Electronic Technology (C-MET), India
Title: Green Synthesis of Silver Nanoparticles by Pulsed Laser Irradiation: Effect of Hydrophilicity of Surfactants
Zameer Shervani, Tohoku Foods Company, Japan
Title: Improvement of CuO Nanostructure Fabrication Using Electrochemical Migration
Shintaro Fukaya, Tohoku Univ, Japan
Title: Lanthanide luminescence in nanocrystals and layered semiconductor nanosheets for biomedical and nanophotonic applications
Jianhua Hao, The Hong Kong Polytechnic University, Hong Kong
Title: Direct observation of full flux closure domains in strained ferroelectric thin films
Yinlian Zhu, Chinese Academy of Sciences, China
Title: Surface Wetting Behavior of Nanocellulose Films
Qinglin Wu, Louisiana State University, United States
Title: Nano Structures in Nature
Ch Sanjay Chintakindi, GITAM University, India

Title: The core of self-assembling peptide nanofiber beside of its biological motif will define osteogenesis; an in-vitro and in-vivo study
Bita Rasoulian Shiadeh, Iran University of medical science, Iran
Title: Visible-light nanoscale photoconductivity of grain boundaries in self-supported ZnO platelets
Nastaran Faraji, School of Materials Science and Engineering, UNSW Australia, Australia

Nanotechnology-Basics to applications, Properties of Nano Materials

Title: Surface modification of TiO2 nanotubes by Grafting with APTS coupling agents.
HongPhan Duong, Nang University of Technology, Viet Nam
Title: The Link Between Microstructure and Friction in Metals
Michael Chandross, Sandia National Laboratories, United States
Title: SYNTHESIS PMMA-GOLD CORE-SHELL BASED METALLODIELECTRIC PHOTONIC CRYSTALS AS SUBSTRATES FOR SURFACE-ENHANCED RAMAN SPECTROSCOPY
SYARA KASSIM, UNIVERSITI MALAYSIA TERENGGANU, Malaysia
Title: Design and Fabrication of ZSO nanocomposite thin film based NO2 gas sensor
Bal Chandra Yadav, Babasaheb Bhimrao Ambedkar University, India
Title: Optimizing the properties of TiO2 nanomaterials used as UV-blockers in sunscreen to maximise the efficiency and safety of the final product.
Jerome Labille, Aix-Marseille Université, France
Title: Effect of O2 or H2 gas addition to Ar gas on surface modification of fluoropolymer using atmospheric pressure plasma-Application for highly adhesive Ag wiring pattern on plasma treated fluoropolymer
Yoshinori Kodama, Osaka University, Japan
Title: Tunable thermal conductivity of Ag nanowire dispersed-magnetic fuctional fluid
Yuhiro Iwamoto, Nagoya Institute of Technology, Japan
Title: CMOS Scaling Limitations and Futuristic Carbon Allotropes
Gagnesh Kumar, India, India
Title: Effect of copper-core carbon-shell nanoparticles on the growth of cyanobacterium Microcystis aeruginosa and its mechanism
Lian Kun, Xi'an Jiaotong University Suzhou Research Institute, China
Title: Alginate/?-Carrageenan and alginate/gelatin composite hydrogel beads for controlled drug release of curcumin
JINU GEORGE, Sacred Heart College, India
Title: Layer-by-Layer self-assembly nanoparticles designed for resveratrol delivery
Antonio Ribeiro, Universidade de Coimbra, Portugal
Title: Effect of copper-core carbon-shell nanoparticles on the growth of cyanobacterium Microcystis aeruginosa and its mechanism
Kun Lian, Xi'an Jiaotong University Suzhou Research Institute, China
Title: Rare earth-doped Y3Al5O12 (YAG) nanosphosphors: Synthesis and applications in energy savings devices and nanomedicine
Gustavo A. HIRATA, Universidad Nacional Autónoma de México, Mexico
Title: Low Temperature Sintering Silver Nanoparticle for Pressure-less Die Attachment
Shamik Ghosal, MacDermid Performance Solutions, India

Optical Materials and Plasmonics

Title: Electrically driven plasmon nanosource, application to a plasmonic lens
Gerald Dujardin, Université Paris-Sud, France
Title: Synthesis and Characterization of Yttria-Magnesia Nanocomposite Optical Ceramic
Reza Shoja Razavi, Reza Shoja Razavi, Iran
Title: Nonlinear optical properties of the WS2 and its pulsed laser applications
Yuen Hong TSANG, The Hong Kong Polytechnic University, Hong Kong

Oral Presentations

Title: New Advances in MOFs Photonics and Applications
Abderrazzak Douhal, Universidad de Castilla-La Mancha, Spain
Title: Landfill leachate treatment using activated carbon obtained from coffee waste.Rodrigo Pobletea, Ernesto Cortesa, Yolanda Lunab.
Rodrigo Poblete, Universidad Católica del Norte, Chile
Title: Seasonal Evaluation and Nutritional Analysis of Mineral Elements, Heavy Metals, Amino Acids, Proximate Compositions and Organochlorine Pesticides of Cattle Milk
Aminuddeen Husseeine Abdu, Federal College Of Education, Nigeria
Title: trends in the improvement of thermal and sound insulation of the jute-based composite materials filled with polymer materials
Mohamed Zakriya, INDIA
Title: Fungal mediated silver nanoparticles synthesis using robust experimental design and its application in cotton fabric
Sulbha Girish Velhal, Savitribai Phule Pune University, INDIA
Title: Multiphysics Property Aging as a Disorder Process in Heterogeneous Functional Materials
Kenneth Reifsnider, University of Texas Arlington, USA
Title: Magnetophoretic Spintronics for Digital Manipulation of Living Cells
CheolGi Kim, DGIST South Korea, South Korea
Title: Inclusion Characterization of API Steel Grades using Scanning Electron Microscope
Masoud Al-Gahtani, SABIC Technology Cent, Saudi Arabia
Title: pH-sensitive amphiphilic polypeptide prodrug for NIR imaging-guided combined photodynamic therapy and chemotherapy
Zheng Ruan, University of Science and Technology, China
Title: Optical polarization in c-plane Al-rich AlN/AlxGa1-xN quantum wells
Talal, Qatar University, Qatar
Title: The Link Between Microstructure and Friction in Metals
Michael Chandross, Sandia National Laboratories, USA,
Title: Hot carriers in disordered graphene with hexagonal-Boron Nitride and multi-layer graphene: role of two-dimensional material cooling
Chiashain Chuang, Chiba University,
Title: Geometries, electronic properties and stability of molybdenum and tungsten nitrides low-index surfaces
Zainab Jaf, Murdoch University, Australia
Title: Electro-Optical Synergy on Plasmon-Exciton Co-driven Surface Catalytic Reactions
Mengtao Sun, University of Science and Technology Beijing, China
Title: Design optimization of defense/industry parts manufactured using Selective Laser Melting (SLM)
Riyan Rashid, Swinburne University of Technology, Australia
Title: Interfacial segregation and embrittlement of elements of groups 14 and 15 in ferritic iron and steels
Pavel LEJČEK, Institute of Physics, ASCR, Prague, Czech Republic

Poster Presentations

Title: Corrosion and wear behavior of harmonic structured SUS304L austenitic stainless steel
Prabhat Kumar Rai, Indian Institute of Technology, Kanpur, India
Title: Influence of performance of a molten hydroxide direct carbon fule cell
Zhiguang Hu, Inner Mongolia University of Technology, China
Title: Synthesis of Mn3O4/AC nanocomposites as positive electrode for Lithium-ion Hybrid Supercapacitors
Biying Zhuang, Inner Mongolia University of Technology, China

Title: Use carbon nanotubes/carbon composite counter electrodes as hole transport layer for efficient methylammonium lead bromide perovskite solar cells
Xiaohui Liu, Inner Mongolia University of Technology, China
Title: The Effect of Carbon Materials on the Performance of a Direct Carbon Fuel Cell with Molten Hydroxide Electrolyte
Xiaofeng Li, Inner Mongolia University of Technology, China
Title: Exposure of High Energy Crystal Surface to Increase the Energy Density of the Supercapacitor
Ling Liu, Inner Mongolia University of Technology, China
Title: Some challenges of carbon-based materials in electrochemical :First-principles prediction and Experiment validation
Zijun Shi, Inner Mongolia University of Technology, China
Title: A self-corrugated surface of Graphene oxide to enhance sensitivity and responsibility for various graphene oxide applications
Seungdu Kim, Korea Aerospace University, Korea (South)
Title: E-BABE-Synthesis of antimicrobial trimethylchitosan / xanthan gum/ Ag nanocomposite
Mahmoud Abu Elella, Cairo University, Egypt
Title: Enhancement in stability of yeast alcohol dehydrogenase by covalent immobilization on modified polyvinyl alcohol fiber solid support
Priya Shinde, Australia, Australia
Title: E-BABE-Design and Synthesis of Zr-Containing Multinary Ceramics from Hybrid Polymers
Changwei Shao, National University of Defense Technology, China
Title: Rapid, Simple Detection of Oseltamivir-resistant influenza A Virus (H275Y mutation) using gold nanoparticles-based colorimetric probe capable of specific recognition to the H275Y NA mutation
Eun-Kyung Lim, Hazards Monitoring BioNano Research Center, Korea (South)
Title: Material effects on arc characterisitcs and electrical contact damage
Seulki Hwang, Myongji University, Korea (South)
Title: Hierarchical Porous Carbon Fiber Based on Natural Biomass Cotton for Supercapacitor Electrodes
Yao Zhang, Inner Mongolia University of Technology, China
Title: Rietveld refinement of Ni50Ti50 prepared via mechanical alloying method
Elfahem Sakher, syte universtaire selebateriom, Algeria
Title: Synthesis and characterization of solids with strong basic properties applied as catalysts in the synthesis of pseudo ionone
Rodrigo Rodolfo Gonzalez Jimenez, Ciudad Universitaria, Mexico
Title: Effect of substrate temperature and flow rate of hydrogen gases on the characteristics of MZO and IGZO thin films
Ji Hoon Jeong, Korea University of Education and Technology, Korea (South)
Title: Synthesis, characterization and application of mesostructured silica-carbon composites
Nataliya Gerasymenko, Nuevo León Universidades, Mexico
Title: Polymer-derived nitrogen-doped Carbon Nanocage as an enhanced oxygen electrode in Li-O2 Battery
Heejun Kweon, Yonsei University, Korea (South)
Title: Oxidative Catalytic Activity from the Cysteinly Bolaamphiphile Assembly with Hemin cofactor
CHAEMYEONG LEE, Yonsei University, Korea (South)
Title: New strategies to obtain highly protective PEO coatings using combine Nitrate and Silicate solution
Zeeshan Ur Rehman, Changwon National University, Pakistan
Title: Effect of Nd doping on the structural, magnetic and magnetocaloric properties of double perovskite Sr2-xNdxFeMoO6
SoEun Jeon, Changwon National University, Korea (South)
Title: Oxygen-Plasma Treatment Effects on the Characteristics of MgxZn1-xO Film
J. D. Hwang, National Chiayi University, Taiwan

Title: Star poly(?-amino esters) from the combination of linear poly(?-amino esters) and polyethyleneimine
Xiaobei Huang, Sichuan University, China
Title: Mechanism of Copper Oxide Nanostructured Particles Synthesized Using Silk Fibroin Template
jong wook kim, Seoul National University, Korea (South)
Title: First Principle Calculation of Lattice Constants and Formation Energy for Generalized Quasirandom Structures of InGaN Alloy
Rohin Sharma, Nepal, Nepal
Title: Preparation of the SAHA-Pluronic F127 Nanoparticels and anticancer activity in vitro
Wang Xiong, Xi'an Jiaotong University Suzhou Research Institute, China
Title: Polymeric mixed micelles as an efficient strategy for meloxicam oral administration
Francisco Veiga, University of Coimbra, Portugal
Title: Modeling of nanoparticle surface charge for targeting glioblastoma
Joao Sousa, Faculdade de Farmácia da Universidade, Portugal
Title: Preparation of the SAHA-Pluronic F127 Nanoparticels and anticancer activity in vitro
wang xiong, Xi'an Jiaotong University Suzhou Research Institute, China
Title: One-dimensional poly(L-lysine)-block-poly(L-threonine) assemblies as anticancer agents
Chao-Liang Wu, National Cheng Kung University Medical, Taiwan
Title: Oligopeptide-based polymers targeting human antigen R (HuR) for the treatment of psoriasis
Ai-Li Shiau, National Cheng Kung University, Taiwan
Title: Performant cement based materials reinforced with nano-SiO2
Mihaela-Andreea Moncea, National Institute for Research and Development in Environmental Protection, Romania
Title: Complex characterization of ZK60 alloy processed by ECAP
Florina-Diana Dumitru, National Institute for Research and Development in Environmental Protection, Romania
Title: Purification of waste waters contaminated with heavy metals using filters made of advanced silica based materials
Andreea-Georgiana Baraitaru, National Institute for Research and Development in Environmental Protection, Romania
Title: Influence of reaction gases on the structural and optical characteristics of Ce-oxide thin film coatings
Zainab Jaf, Murdoch University, Australia
Title: Size of NPs in a nano drug formulation along with co-surfactant concentration will define transduction signals and cell biocompatibility
Bita Rasoulian Shiadeh, Iran University of Medical Sciences, Iran
Title: Molecular dynamics study of graphene Moebius bands: equilibrium shapes and energies
Yoichi Takato, Okinawa Institute of Science and Technology Graduate University, Japan
Title: Collagen-hyaluronan in colloidal silver
Andrea Kargerova, Brno University of Technology Purkynova, Czech Republic
Title: Orientation Controlled Gyroid Structure Thin Films by Substrate Interactions in Solvent Vapor Annealing
Yeongsik Kim, Yonsei University, Korea (South)
Title: Perpendicular Orientation of Lamella-forming Block Copolymer Thin Film by controlling Interfacial Interaction with Substrate
Jisoo Ha, Yonsei University, Korea (South)
Title: Effects of amorphous alloy microstructure on electromagnetic wave absorption properties of amorphous alloy-epoxy composites
Kyoung-Mook Lim, Korea Institute of Industrial Technology, Korea (South)
Title: Identification of Polytype Inclusions in 4H-SiC Wafer and Characterization of Epitaxial Layers of GaN/SiC by X-ray Topography and Raman Mapping
Chi-Wei Liang, National Chung Shan Institute of Science and Technology, Taiwan

Closing Ceremony

Glimpses of past conference













Tourist Attractions











Venue

Osaka is the second largest metropolitan area in Japan and serves a major economic hub . Osaka is Japan's third largest and second most important city. It has been the economic powerhouse of the Kansai region for many centuries. It is a standout amongst those biggest open aquariums in the world, widespread Studios japan spotted over Osaka, may be a standout amongst four widespread Studios subject parks settling on it those world's speediest entertainment mecca will bring attained those 10 million point of reference toward those time. Historically a merchant city, Osaka has also been known as the "Nation's Kitchen". With a population of 2.5 million, The city's west side has the main port as well as a tourist destination with attractions such as Kyocera Dome, Universal Studios Japan, Osaka aquarium, Minami, Osaka castle, Umeda sky building and the Tempozan Harbour Village. Osaka is known for its food, both in Japan and abroad. Author Michael Booth and food critic François Simon of Le Figaro have both suggested that Osaka is the food capital of the world. Osaka aquarium Kaiyukan spotted in the ward about Minato to Osaka, Japan, close to Osaka cove Those Umeda sky fabricating may be those nineteenth-tallest fabricating to Osaka Prefecture, Japan, and a standout amongst those city's the vast majority unmistakable landmarks.

You'll fall in love with Japan



Venue:
Hyatt Regency Osaka
1-13-11 Nanko-Kita, Suminoe-Ku Osaka
Japan 559-0034

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