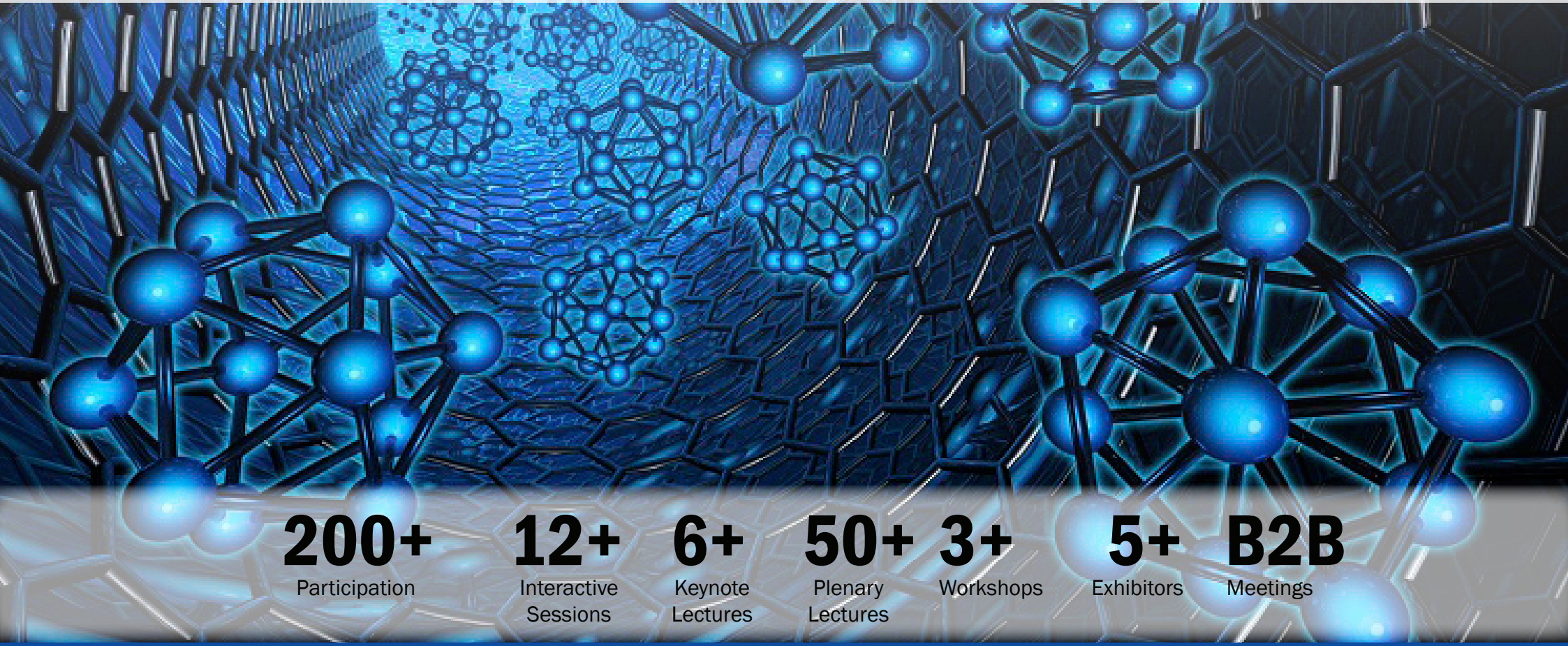
Asia pacific Nano Congress 2018

conferenceseries.com

2nd World Congress on

Nano Science and Nano Technology

August 10-11, 2018 Osaka, Japan



200+ Participation

12+ Interactive Sessions

6+ Keynote Lectures

50+ Plenary Lectures

3+ Workshops

5+ Exhibitors

B2B Meetings

https://nanoscience.conferenceseries.com/

Invitation...

Dear Colleagues,

Conference Series llc LTD welcomes you to attend **2nd World Congress on Nano Science and Nano Technology** held during **August 10-11, 2018 Osaka, Japan**, with the theme "**Recent developments in Nano Science and Nano Technology**". This international meet (Asia pacific Nano Congress 2018) anticipates hundreds of delegates including keynote speakers, Oral presentations by renowned speakers and poster presentations by students besides delegates around the world. This conference perhaps a giant event that creates an ideal platform to share expertise addressing current advancements involved in Catalysis and Chemical Engineering. It will be a wonderful opportunity for all the delegates as it provides an international networking opportunity to collaborate with the world class Catalysis and Chemical Engineering.

Asia pacific Nano Congress 2018

- Opportunity to attend the presentations delivered by eminent scientists and business professionals from all over the world.
- Selected contributions will be published in following reputed high impact factor Journals.
  - ☞ Journal of Nanomedicine & Nanotechnology
  - ☞ Journal of Nanomedicine & Bio therapeutic Discovery
  - ☞ Journal of Material Sciences & Engineering



Welcome Message

Dear Colleagues,



Being an Organizing Committee member as well as the Keynote Speaker for the conference, it is my great honor and pleasure to invite you to participate in the "**2nd International Conference on Nano science and Nanotechnology**" to be held in **Osaka, Japan** on **10 – 11 August, 2018**.

Asia Pacific Nano Congress 2018 brings together domain experts, researchers, scientist, Professors, industry representatives, postdoctoral fellows, and students from around the world, providing them with the opportunity to report, share, and discuss scientific questions, achievements, and challenges in this field.

One of our aim is to generate new investigations and collaboration between scientists. We also are very interested to welcome students and postdoctoral researchers in order to provide them the opportunity to show their investigations about Nano Congress.

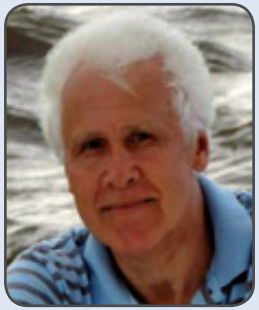
Examples of the diverse Nano science and Nanotechnology topics that will be covered in this comprehensive conference include Nano Engineering: Progress and Prospects, Materials Science and Nanotechnology, Advanced Nano Materials and Nano Particles, DNA Nanotechnology, Molecular Nanotechnology, Nanotechnology in Tissue Engineering, Regenerative Nano medicine and Medical Nanotechnology, Nano technology in Energy and Environment, Nanotechnology in Agriculture and Food Industry, Nano Biotechnology, Nanotechnology in Waste water treatment, Nano Electronics and Microsystems, Nano devices and Nano sensors, Computational Nanotechnology, Nano safety and Nano Physics. In Asia Pacific Nano Congress 2018, you will be able to share experiences and research results, discuss challenges encountered and solutions adopted and have opportunities to establish productive new academic and industry research collaborations.

We hope that this conference will be productive and satisfying. Personally, I hope that you have a very enjoyable and entertaining stay here, in Osaka, Japan.

Regards,
Masaru Matsuo
Dalian University of Technology
China

Welcome Message

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National Institute of Advanced Industrial Science and Technology
AIST

Regards,
Alexander Pyatenko
National Institute of Advanced Industrial Science and Technology (AIST), Japan

Conference Sessions:

All honourable authors, researchers, scientists and students are encouraged to contribute and help the shape of the conference through submissions of their posters & research abstracts. Also, high quality research contributions describing original and unpublished of conceptual, constructive, experimental or theoretical work in all areas of Catalysis and Chemical Engineering are warmly invited for presentations at the conference. The conference memorial contributions of abstracts and posters that address themes & future aspects of the conference related sessions.

- Materials science and Nanotechnology
- Advanced Nano Materials and Nano Particles
- Applications of Nanotechnology
- DNA Nanotechnology
- Molecular Nanotechnology
- Nanotechnology in Tissue Engineering
- Regenerative Nanomedicine and Medical Nanotechnology
- Nano technology in Energy and Environment
- Nanotechnology in Agriculture and Food Industry
- Nano Biotechnology
- Nanotechnology in Waste water treatment
- Nano Electronics and Microsystems
- Nanodevices and Nanosensors
- Computational Nanotechnology
- Nanosafety
- Nano Physics

Speaker Slots Available

NOTE: Program Schedule is subject to change with final allotment of the speaker slots



Organizing Committee Members



Alexander Pyatenko
National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba Japan



Osman Adiguzel
Firat University, Turkey



Jae-Jin Shim
Yeungnam University, South Korea



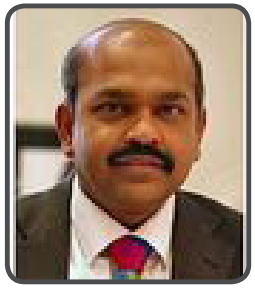
Lavinia BALAN
Institute of Materials Science of Mulhouse ,France



Masaru Matsuo
Dalian University of Technology, China



Muhammad Usman
Agricultural Research System,Pakistan



S. Joseph Antony
University of Leeds, UK



T.Theivasanthi
Kalasalingam University, India



Xianfang Zhu
Xiamen University, China

Program at Glance

Morning Sessions / Evening Sessions

Reception/Registration	08.00-09.00	
	Time	**General Session**
3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
	09.15-09.45	Keynote/Plenary Talk 1
	09.45-10.15	Keynote/Plenary Talk 2
	10.15-10.45	Keynote/Plenary Talk 3
Panel Discussions/Group Photo		
Coffee/Tea Break 10.45-11.00 (Networking)		
Time	Session 1	Session 2
11.00-12.40	Materials Science and Nanotechnology	Applications of Nanotechnology
Lunch Break 12.40-13.30		
13.30-15.30	Advanced Nano Materials and Nano Particles	DNA Nanotechnology
Coffee/Tea Break 15.30-15.45 (Networking)		
15.45-17.25	Nanotechnology in Tissue Engineering	Molecular Nanotechnology

Morning Sessions / Evening Sessions

Reception/Registration	08.00-09.00	
	Time	**General Session**
3 Keynote/Plenary Talks	09.00-09.30	Keynote/Plenary Talk 1
	09.30-10.00	Keynote/Plenary Talk 2
	10.00-10.30	Keynote/Plenary Talk 3
Panel Discussions/Group Photo		
Coffee/Tea Break 10.30-10.45 (Networking)		
Time	Session 1	Session 2
10.45-12.40	Regenerative Nanomedicine and Drug Delivery	Nano Biotechnology
Lunch Break 12.40-13.30		
13.30-15.30	Nanotechnology in Energy and Environment	Nano Electronics and Microsystems
Coffee/Tea Break 15.30-15.45 (Networking)		
15.45-17.25	Nanotechnology in Agriculture and Food Industry	Computational Nanotechnology
Awards & Closing Ceremony		

Day 1 August 10, 2018
Keynote Forum
Title: Dielectric properties of the composites containing superparamagnetism particles
Dr. Masaru Matsuo, Dalian University of Technology, China
Title: How to enhance the electrochemical performance of supercapacitors and photocatalysts?
Dr. Jae-Jin Shim,Yeungnam University, South Korea
Title: Photo-design of metal/polymer nanomaterials and nanostructured materials
Dr. Lavinia Balan, Institute of Materials Science of Mulhouse, France
Title: Intriguing surface-extruded plastic flow of SiOx amorphous nanowire as athermally induced by electron beam irradiation
Dr. Xianfang Zhu, Xiamen University, China
Scientific session
Title: Dynamic magnetization of single domain nanomagnet
Dr. Hao Yu, Xi'an Jiaotong-Liverpool University, China
Lunch Break
Scientific session
Title: Self-assembly of Porphyrin and Heteroacene Organic Nanostructures
Dr. Jonathan P. Hill, Center for Materials Nanoarchitectonics, NIMS, Japan
Speaker Slot Available
Title: Energy Efficient for Heat Exchanger, Refrigeration and Air Conditioning
Dr. Abdeen Omer, Energy Research Institute(ERI), UK
Title: Innovative Fast Supercritical Fluids Synthesis of ThermoElectric CoSb3 Nanoparticles
Dr. Angeline Poulon-Quintin, CNRS, France
Title: Characterization of carbon supported Pt nanocatalysts generated by Coaxial Pulse Arc Plasma Deposition
Dr. Yoshiaki Agawa, NIMS, Japan
Title: Superwetting electrodes for Gas-involving Electrocatalysis
Dr. Xiaoming Sun, Beijing University of Chemical Technology, China
Title: The Production Of Graphene Oxide Via Electrochemical Exfoliation And Its Application As Conductive Electrodes

Dr. M.D. Nurhafizah, Universiti Sains Malaysia,Malaysia
Speaker Slot Available
Title: Au@PdOx with PdOx-rich shell and Au-rich core embedded in Co3O4 nanorods for catalytic oxidation of methane
Dr. Yan Zhu, Nanjing University, China
Title: Glybatomaq312317b: Ab initio Systematic Parametrization of Polarizable Force Field Quantum Chemistry mechanics-based free energy perturbation methodologies for calculating relative solvation free energies of a Novel Supramolecular Nano-Ligand (NoSuNoLin) targeted to the Nuclear autoantigen Sp-100, sp|P23497|568-592, KRWQQRGRKANTRPLKRRRKRGPRI, P23497 Slim regions for the regulation of the ETS1, CASP8AP2 and FAS-mediated apoptosis.
Dr. GRIGORIADIS IOANNIS, Biogenea Pharmaceuticals Ltd, Greece
Speaker Slot Available

Panel Discussion & Day 1 close

Day 2 August 11, 2018
Keynote Forum
Title: Revisiting SWIR photo-detectors: improvements on both light-matter interaction and electron transport
Dr. Jean-Luc Pelouard, CNRS - Universite Paris-Saclay, France
Title: Building and Engineering Highly Organized Single-walled Carbon Nanotube Network Architectures for Various Sensor Applications
Dr. Yung Joon Jung, Northeastern University,USA
Title: Formation of mesoscopic nanostructures in materials with coexisting ferroelectric and antiferroelectric phases and their manifestation in a wide range of applications
Dr. V. Sobolev, South Dakota School of Mines & Technology,USA
Title: Microstructural Characterization of Thermoelastic Phase Transformations and Superelasticity in Shape Memory Alloys
Dr. O. Adiguzel, Firat University, Turkey
Special session
Title: Synthesis of Biobased Nanocomposites and their application in catalytic degradation of organic dyes present in waste water
Dr. Priti Malhotra, Delhi University, India

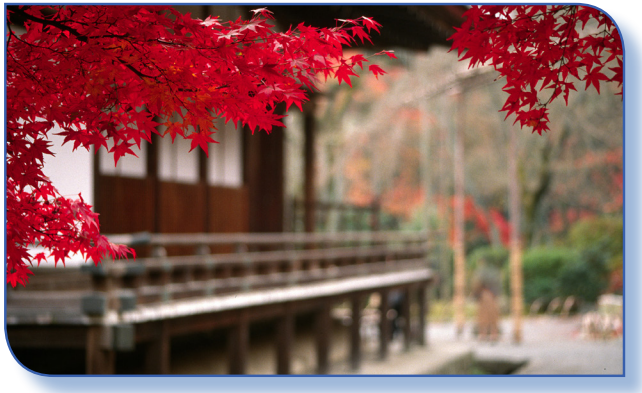
Scientific session
Title: Engineering Carbon-based Nanostructures for DNA Sensor
Dr. Jin Zhang , University of Western Ontario, Canada
Title: ZnMoS4 nanorods grown on Ni foam for high performance hybrid-supercapacitors
Dr. Awais Ali, Yeungnam University, Republic of Korea
Title: Functionalized carbon nanotubes by direct liquid injection chemical vapor deposition method as CO2 sensor
Dr. B. C. Yadav, Babasaheb Bhimrao Ambedkar University, India
Speaker Slot Available
Title: The convergence of technologies, generates convergence in the regulations
Dr. Guillermo Valdes Mesa, Havana University Center Biomaterial, Cuba
Title: Detection and Quantification of Heavy Metals in Water Bodies by Label-Free Optical Biosensors
Dr. Giorgi Shtenberg, The Volcani Center, Israel
Title: Smart Regulation of Surface Adhesion for Multifunctional Applications
Dr. Liping Heng, Beihang University, China
Title: Nanotechnology in Agriculture and Food Industry
Dr. Ch. Sanjay, GITAM University, India
Speaker Slot Available
Speaker Slot Available
Lunch Break
Scientific session
Title: Glybatomaq2264fd7: An Atom typing Binding Energy Distribution Automation Analysis of the CHARMM General Force Field (CgenFFBEDAM) binding free energy estimation of Nuclear autoantigen Sp-100 and Cellular tumor antigen p53 multi-targeted chemical nanostructures
Dr. GRIGORIADIS IOANNIS, Biogenea Pharmaceuticals Ltd, Greece
Title:Green Chemical Technology for Production of Nanocrystalline Cellulose
Dr. Michael Ioelovich, Polymate-INRC, Israel
Title: Theoretical Approach to Study the Solid State and Optical Characteristics of calcium Sulpide[CaS] Thin Film
Dr. Emmanuel Ifeanyi Ugwu, Ebonyi State University, Nigeria

Speaker Slot Available
Speaker Slot Available
Speaker Slot Available
Tea Break
Scientific session
Title: Memristor-Based Voltage Controlled Relaxation Oscillator and Applications
Dr. Haneen G Hezayyin, Nile University, Egypt
Title: Confined Nanoscale geometries to enhance sensitivity of Plasmonic Immunoassays
Dr. Rishabh Rastogi,Luxembourg Institute of Science and Technology,Luxembourg
Title: Use of Nano-plates for Detection of Pathogenic Bacteria in Water Tubes
Dr. Ahmed Mokhtar Ramzy, CAIRO University, EGYPT
Speaker Slot Available
Title: Glybatomaq234he45f: Experimental superposition of orders of quantum quantum cryptography, quantum metrology gates near to a revolutionary Rough Solid Wall by Mulit-Relaxation-Time Pseudopotential Lattice Boltzmann Model resulting to a GLIPR1 sp|P48060|1-21 MRVTLATIAWMVSFVSNYSHT Nano- [3-(Imidazol-4-ylmethylene)indolin-2-one-4-[(E)-2-(1H-indazol-3-yl)ethenyl]phenyl]-targeted derivative against the brain tumor glioblastoma multiforme/astrocytoma tumorigenesis
Dr. GRIGORIADIS IOANNIS, Biogenea Pharmaceuticals Ltd, Greece
Poster presentation slot Available
Awards & Closing Ceremony

City Attractions



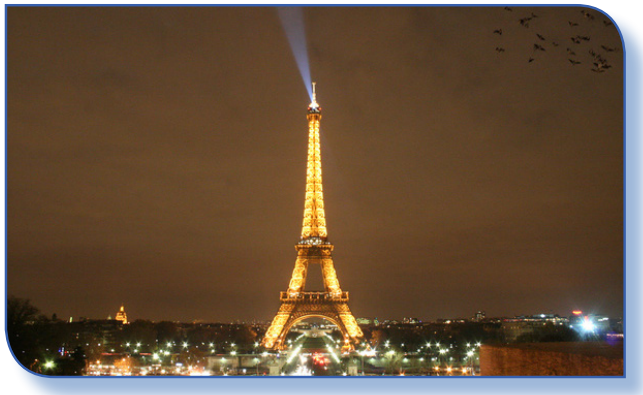
















Previous Speakers



















Venue

Osaka is the second largest metropolitan area in Japan and serves a major economic hub. Historically a merchant city, Osaka has also been known as the "Nation's Kitchen". With a population of 2.5 million, Osaka is Japan's third largest and second most important city. It has been the economic powerhouse of the Kansai region for many centuries. 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's culinary prevalence is the result of a location that has provided access to high quality ingredients, a high population of merchants, and close proximity to the ocean and waterway trade. In recent years, Osaka has started to garner more attention from foreigners with the increased popularity of cooking and dining in popular culture. The National Museum of Art (NMAO) is a subterranean Japanese and international art museum, housing mainly collections from the post-war era and regularly welcoming temporary exhibitions. Osaka Science Museum is in a five storied building next to the National Museum of Art, with a planetarium and an OMNIMAX theatre.



Site:

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

Mail us to know more!

For Abstract Submission Guidelines | For Reserving your slot | Proposals | Registration Posters | Accommodations

No doubt you have lots of queries...

Why not get in touch..!

Drop us your query with details and we will call you right away

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