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22nd International Conference on

Advanced Materials and Nanotechnology

September 19-21, 2018 Tokyo, Japan

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

Invitation...

Dear Colleagues,

ConferenceSeries LLC Ltd is overwhelmed to announce the commencement of **22nd International Conference on Advanced Materials and Nanotechnology**, which is to be held during **September 19-21, 2018** at **Tokyo, 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 2018 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



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University, Singapore



Susanta Pramanik
N I T Durgapur
India

Tentative Agenda

September 19, 2018 Wednesday

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	Advanced Materials and Functional Devices
13:00-13:45	Lunch Break**
13:45-16:00	Engineering Materials
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Composite Materials
	Day Concludes

September 20, 2018 Thursday

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

September 21, 2018 Friday

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*
	Day Concludes
	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.

Oral Presentations
Title: Characterization of the ZrS2 van der Waals crystal using AFM and optical spectroscopy methods
Jaroslaw Serafinczuk, Wroclaw University of Science and Technology, Wroclaw, Poland
Title: Highly efficient for fully printable organic-inorganic hybrid bulk heterojunction thin-film solar cells based on metal-alkoxides
Takehito Kato, National Institute of Technology, Oyama College, Japan
Title: Functionalization of honeycomb-patterned porous polymer films using a reactive vapor in breath figure method
Do Sung Huh, Inje University, Republic of Korea
Title: Binary Planet–Satellite Nanosctures Using RAFT Polymer
Wentao Peng, Georg-August-Universität Göttingen, Germany
Title: Quantitative Characterization of the Crystallinity of Polycrystalline Materials by Applying Electron Back-Scatter Diffraction
Hideo MIURA, Tohoku University, Japan
Title: Optimisation of Mechanical Properties for a Gear Steel Alloy for Aero-engine Applications
Zakaria Abdallah, Swansea University, United Kingdom
Title: Large-scale Synthesis of Functional Nanoparticles Using a Coaxial Turbulent Jet Mixer
Jong-Min Lim, Soonchunhyang University, Republic of Korea
Title: Effect of Nb2O5/Ni catalysis on the kinetics behavior of MgH2 solid-hydrogen storage system
M Banyan, Kuwait Institute for Scientific Research, Kuwait
Title: Novel polymer electrolyte membrane which proton conductive channel being constructed by Core-Shell type hybridized silica nanofillers
Keiji Shito, Yamagata University, Japan
Title: Optimization of transport properties of n-type Bi2Te3 based alloys via doping for thermoelectric power generation applications
Omer Meroz, Ben-Gurion University of the Negev, Israel
Title: Investigation on the Nature of the Verwey Transition in Cu-doped Fe3O4
Yousef Kareri, University of New South Wales, Australia
Title: Influence of Processing Parameters on recrystallization behavior for API-X70 steel
A. Al-Shahrani, SABIC-Hadeed, Saudi Arabia
Title: Rural Assessment of Groundwater Quality Parameters: A Case Study of Pepel Northern Sierra Leone
Yaguba Jalloh, Kyushu University, Japan
Title: Development of Wax Filaments for Additive Manufacturing
Chil-Chyuan Kuo, Ming Chi University of Technology, Taiwan

Title: Modification and Characterization of Cotton Fibers with Magnetic Core-Shell Mesoporous Silica Nanoparticles
David Patiño-Ruiz, University of Cartagena, Colombia
Title: The effect of annealing temperature on structural and optical properties of ZnGa2O4: Cr3+ synthesized by citrate sol-gel method.
M.K.Hussen, University of the Free State, South Africa
Poster Presentations
Title: Measuring Nanoscale Dynamics of Grafted RAFT Polymer using Metal-induced Energy Transfer
Katharina Dabow, Georg-August-Universität Göttingen, Germany
Title: Silica-coated magnetite nanoparticles carrying a high density polymer brush shell of hydrophilic polymer
Yingying Cai, Georg-August-Universität Göttingen, Germany
Title: Transition metal dichalcogenide based electrospun fibers formation as a potential for gas sensor
Doo-Hyeb Youn, Electronics and Telecommunications Research, Republic of Korea
Title: Durability of composite polyethylene electrets - a way of calculating the activation energy of depolarization processes.
Monika Machnik, Institute of Electron Technology, Poland
Title: Development of Neighborhood electric vehicle(NEV) light weight body based on substantiation
H.S. Song, Ulsan technopark, Republic of Korea
Title: Microwave Assisted Green Synthesis Of Silver Nanoparticles By Using Mulberry Leaves Extract And Silver Nitrate Solution
Le Ngoc Liem, Duy Tan University, Vietnam
Design and fabrication of dual-targeted delivery system based on gemcitabine conjugated human serum albumin nanoparticles
Parisa Norouzi, Tehran University of Medical Sciences, Iran

❄❄❄Speaker and Poster Opportunities Available❄❄❄

Glimpses of Past Conferences













Tourist Attractions













Venue

Tokyo is Japan's capital and the world's most populous metropolis. It is also one of Japan's 47 prefectures, consisting of 23 central city wards and multiple cities, towns and villages west of the city center. The Izu and Ogasawara Islands are also part of Tokyo. Prior to 1868, Tokyo was known as Edo. A small castle town in the 16th century, Edo became Japan's political center in 1603 when Tokugawa Ieyasu established his feudal government there. A few decades later, Edo had grown into one of the world's most populous cities. With the Meiji Restoration of 1868, the emperor and capital moved from Kyoto to Edo, which was renamed Tokyo ("Eastern Capital"). Large parts of Tokyo were destroyed in the Great Kanto Earthquake of 1923 and in the air raids of 1945.

Greater Tokyo is the world's most populous metropolitan area and is the center of Japanese culture, finance, and government. A bustling cosmopolitan city, Tokyo is also a major transportation hub and a world economic and industrial center. The city boasts a large number of world-class institutions of higher education, the highest concentration of universities in Japan.

You'll fall in love with Tokyo



Venue:
Radisson Hotel Narita
650-35 Nanae, Tomisato
Chiba Prefecture 286-0221, Japan

Mail us to know more!

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

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