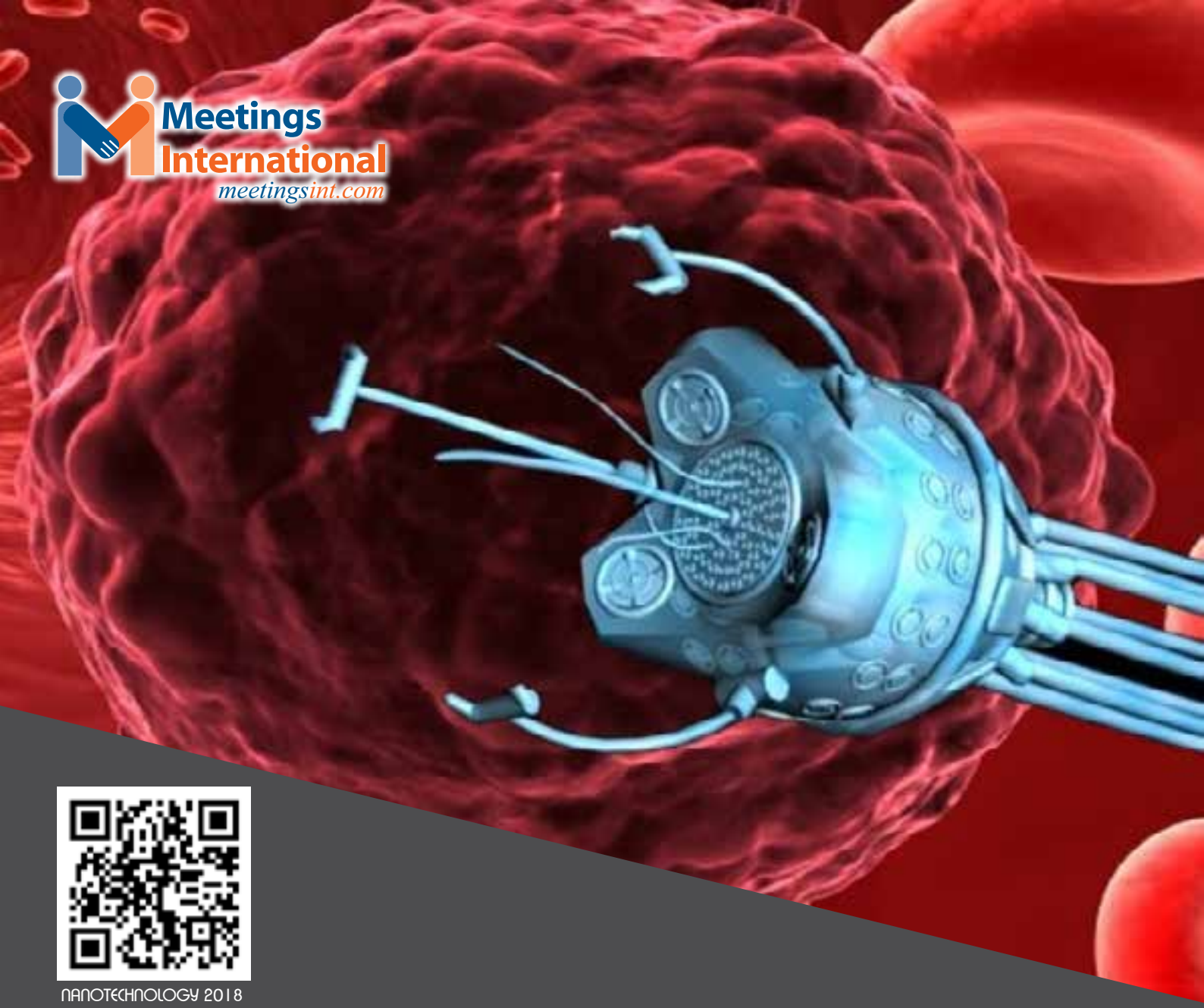


Meetings International
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NANOTECHNOLOGY 2018

INTERNATIONAL CONFERENCE ON

NANO TECHNOLOGY AND NANO ENGINEERING

July 16-18, 2018 | Paris, France

http://www.meetingsint.com/conferences/nanotechnology

Invitation

NANOTECHNOLOGY 2018

Meetings International proudly announces the International Conference on Nano Technology and Nano Engineering scheduled during July 16-18, 2018 in Paris, France. The conference emphasizes the theme "Nanotechnology- The World Behind Innovation".

Meetings International provides an international dais for scientists and Nanotechnology professionals to Exchange Ideas, Knowledge and Networking at its **100+ International Conferences**. The importance of Nanotechnology has come into spotlight in the recent years. Nanotechnology may be able to create many new materials and devices with a vast range of applications, such as in nanomedicine, nanoelectronics, biomaterials energy production, and consumer products. Thus, priorities are given for the development of nanotechnology to the benefit of mankind.

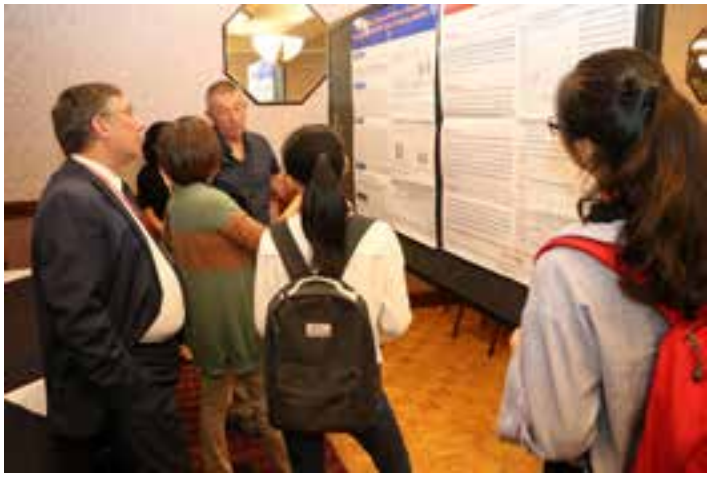
Sincerely,
Operating Committee
CEO and Founder
Meetings International PTE LTD.











Welcome Message!

Welcome to International Conference on Nano Technology and Nano Engineering, which will be held during July 16-18, 2018 at Paris, France. The conference will include Keynote speeches, Plenary Presentation which will be given by Distinguished Scholars and Experts from both academic institutions and industry, and Oral presentation by delegates and poster presentations by young junior participants.

Nanotechnology 2018 will also provide excellent opportunity to meet distinguished scholars and experts and to exchange new ideas, new knowledge and application experiences face to face, to establish research relations and collaborations for future researches and projects.

Nanotechnology 2018 is a multidisciplinary conference and has a wide spectrum from Green Nanotechnology to Nanotoxicity, including Nanoengineering, Nanobiotechnology, Nanoelectronics, Nanomechanics, Nanophotonics, Nano Pharmaceuticals, and others.

International scientific activities, like conference, symposium and workshop are big scientific platforms for knowledge exchange among the scientists from all over the world, and to interact and communicate with each others. We believe that Nanotechnology 2018 will provide this opportunity for delegates from all over the world, from different cultures and countries.

The main purpose of Nanotechnology 2018 -Conference is to set a platform for both senior and junior delegates from universities, laboratories and industries to communicate and share their knowledge, or to teach and learn, to see what the research level of a certain area is, out of one's own country, so as to find potential opportunities for domestic or international cooperation.

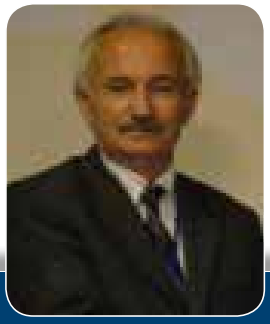
We believe that Nanotechnology 2018 will be performed in a hot and friendly atmosphere full of scientific, cultural and social activities. In particular, this conference will motivate junior and young delegates by interacting with expertise in their scientific fields and by encouraging them and improving their confidence of presenting research in an international platform.

The organizing committee is spending a great effort for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world.

We are pleased to invite prospective authors to submit their original contributions to Nanotechnology 2018 Conference, where you are sure to have a meaningful experience with scholars from around the world.

Prof. Dr. Osman Adiguzel
(Organizing Committee Member)
Directorate of Graduate School of Natural and
Applied Sciences, Firat University, Turkey

Organizing Committee Members



Osman Adiguzel
Professor, Firat University
Turkey



Ajay Kumar Mishra
Professor, University of South Africa, South Africa



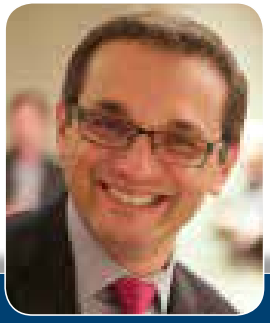
Enge Wang
Professor, Peking University
China



Supriyo Bandyopadhyay,
Professor, Virginia Commonwealth University ,USA



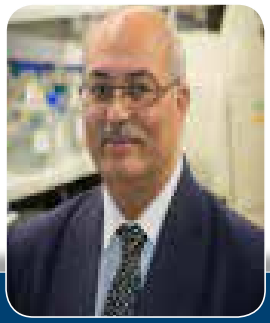
Jiangtao Cheng
Associate Professor, Virginia Tech College of Engineering, USA



Hicham Fenniri
Professor, Northeastern University, USA



TJ Tarn
Senior Professor, Washington University, USA



Jagat R Kanwar
Head & Team leader, Deakin University, Australia



Candido Fabrizio Pirri
Professor, Politecnico di Torino
Italy



T Theivasanthi
Senior Professor, Kalasalingam University, India

Renowned Speakers



Aharon Gedanken
Bar-Ilan University, Israel



Ajay Kumar Mishra
Professor, University of South Africa, South Africa



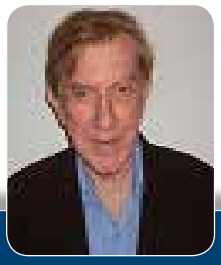
Osman Adiguzel
Professor, Firat University, Turkey



Prof. Jean-Paul Lellouche
Institute of Nanotechnology & Advanced Materials, Bar-Ilan University, Israel



Constantinos Sioutas
USC Viterbi School of Engineering, USA



Thomas Prevenslik
QED Radiations
Germany



Hanan Alqudairy
King Saud University
Saudi Arabia



Shengyong Xu
Peking University Beijing
China



Waldemar Nawrocki
University of Technology
Poznan, Poland



Yong Lei
Technical University of
Ilmenau, Germany



Hanchen Huang
Northeastern University
USA



Nikolaus Stolterfoht
Hahn-Meitner-Institut 2005
Germany



David Carroll
Wake Forest University
USA



Jiangtao Cheng
Dept. of Mechanical
Engineering, USA



Nishimura Shun
Japan Advanced Institute of
Science and Technology, Japan

Nanotechnology 2018 Agenda

Day 1 July 16, 2018	
09:30-10:00	Registration
10:00-10:20	Opening Ceremony
10:20-10:30	Introduction by Moderator
Keynote Forum	
10:30-11:00	Title: Physical basis and atomic scale aspects of displacive transformations of shape memory alloys
	Osman Adiguzel, Firat University, Turkey
Networking & Refreshment Break, 11:00-11:20	
11:20-11:50	Title: Surface-engineered lanthanide cation-doped -maghemite nanoparticles (NPs) - Innovative NPs functionalization/nanoscale drug delivery for effective anti-leishmania bioactivity
	Jean-paul Lellouche, Bar-Ilan University, Israel
11:50-12:20	Title: Bio-nanocomposites for environmental remediation
	Ajay Kumar Mishra, University of Johannesburg, South Africa
12:20:12:50	Title: Making the hospital a safer place by the sonochemical coating of textiles and medical devices with
	Aharon Gedanken, Bar-Ilan University, Israel
Group Photo	
Lunch Break 13:00-13:45	
13:45-14:15	Title: Concave bending of contact line due to polarization and surface trapping
	Jiangtao Cheng, Virginia Tech College of Engineering, USA
Oral Session I	
Nanomedicine | Nano Pharmaceuticals | Recent Innovations | Nanomechanics	
14:15-14:35	Title: Modulation doping and energy filtering in two-dimensional, diChalcogenides: Moving toward flexible
	David Carroll, Wake Forest University, USA
14:35-15:55	Title: Principle of Geoexchanger Systems for Buildings Heating and Cooling
	Abdeen Mustafa Omer, Energy Research Institute (ERI), Nottingham, UK
15:55-16:15	Title: Structural, magnetic and antibacterial assessment of Ce co-doped Sr–Mn–ZnO nanoparticles
	Amany Elnahrawy, National Research Centre, Egypt
Networking & Refreshment Break, 16:00-16:20	
16:15-16:35	Catalyst for Suzuki Cross-Coupling
	Shahir Sadek, British University in Egypt, Egypt
16:35-16:55	Title: GC method developments and solutions
	Rahul Hajare, Rajgad Dnyanpeeth's College of Pharmacy, India
Session Adjournment	
Day 2 October 03, 2017	
10:00-10:10	Introduction by Moderator
Keynote Forum	
10:10-10:40	Title: Neuro-degenerative diseases by UV radiation from nanoparticles
	Thomas V Prevenslik, QED Radiations, Discovery Bay, Hong Kong, China
Networking & Refreshment Break, 10:40-11:00	
11:00-11:30	Title: Electrical Resistance of Metallic and Semiconductor Nanowires
	Waldemar Nawrocki, Poznan University of Technology, Poznan, Poland
11:30-12:00	Title: Functional nanostructure arrays realized by templates for energy conversion and storage devices
	Yong Lei, Institute of Physics, Technical University of Ilmenau, Germany
12:00-12:30	Title: Industrially-viable Nanotechnology Research Activities
	R.M.G. Rajapakse, Department of Chemistry, University of Peradeniya, Peradeniya 20400, Sri Lanka
Workshop	
12:30-13:15	To be Updated
	Nikolaus Stolterfoht, Hahn-Meitner-Institut Berlin, 14109 Berlin, Germany
Lunch 13:15-14:00	
Oral Session II	
Nanotoxicity | Nanomechanics | Graphenes and 2D Materials | Nanobiotechnology | Nanoengineering | Cancer Nanotechnology	
14:00-14:20	Title: Fine crystallization of layer double hydroxides with silica nanoseeds and high activity for base catalysis
	Nishimura Shun, Japan Advanced Institute of Science and Technology, Japan
14:20-14:40	Title: In vitro Evaluation of Biocompatibility of Spherical-shaped Calcined Hydroxyapatite Nanoparticles Synthesized via Calcium Sucrets Method
	M.G.G.S.N. Thilakarathna, University of Peradeniya, Sri Lanka

14:40-15:00	Title: Synthesis Of Cisplatin Encapsulated Porous Calcium Carbonate Nanoparticles From Local Dolomite And Possibilities Of Targeted Delivery Via Folate Receptors
	Dunuweera SP, University of Peradeniya, Sri Lanka
15:00-15:20	Title: Evaluation Of Osteoblast-Like Cell Response To Hydroxyapatite Nano-Particles Deposited On Self-Formed Tio2 Thin Layer On Ti Surface
	Premachandra WGTN, University of Peradeniya, Sri Lanka
15:20-15:40	Title: Effects of Hydroxyapatite –Polymethyl Methacrylate Nanocomposites on Human Red Cell Indices and Serum Proteins
	Gamagedara TP, University of Peradeniy, Peradeniya, Sri Lanka
15:40-16:00	Title: Dye-Sensitized Self-Cleaning And Anti-Microbial Fabric Based On Nanoparticles Of Tio2 Adsorbed And Dyed Cotton
	Zajid A.M.A , University of Peradeniya, Sri Lanka
Networking & Refreshment Break, 16:00-16:20	
16:20-16:40	Title: Antibacterial Drug Ciprofloxacin Encapsulation In Reduced Graphite Oxide (Rgo)-Zinc Oxide-Poly(Ethylene Glycol) Nanocomposite For Effective Activity
	Wijekoon SHDP , University of Peradeniya, Sri Lanka
16:40-17:00	Title: Hydrophobicity Imparted From Self-Assembled Stearic Acid Molecules On Tio2 Nano-Structures Formed On Textile Surfaces Through Ultraviolet Irradiation
	C. A. Thennakoon, University of Peradeniya, Sri Lanka
Session Adjournment	

Day 3 program will be updated soon



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Conference Highlights

- Green Nanotechnology
- Nanoengineering
- Graphenes and 2D Materials
- Nanobiotechnology
- Nanoelectronics
- Nanomechanics
- Nanophotonics
- Cancer Nanotechnology
- Nano Pharmaceuticals
- Nanotoxicity
- Recent Innovations

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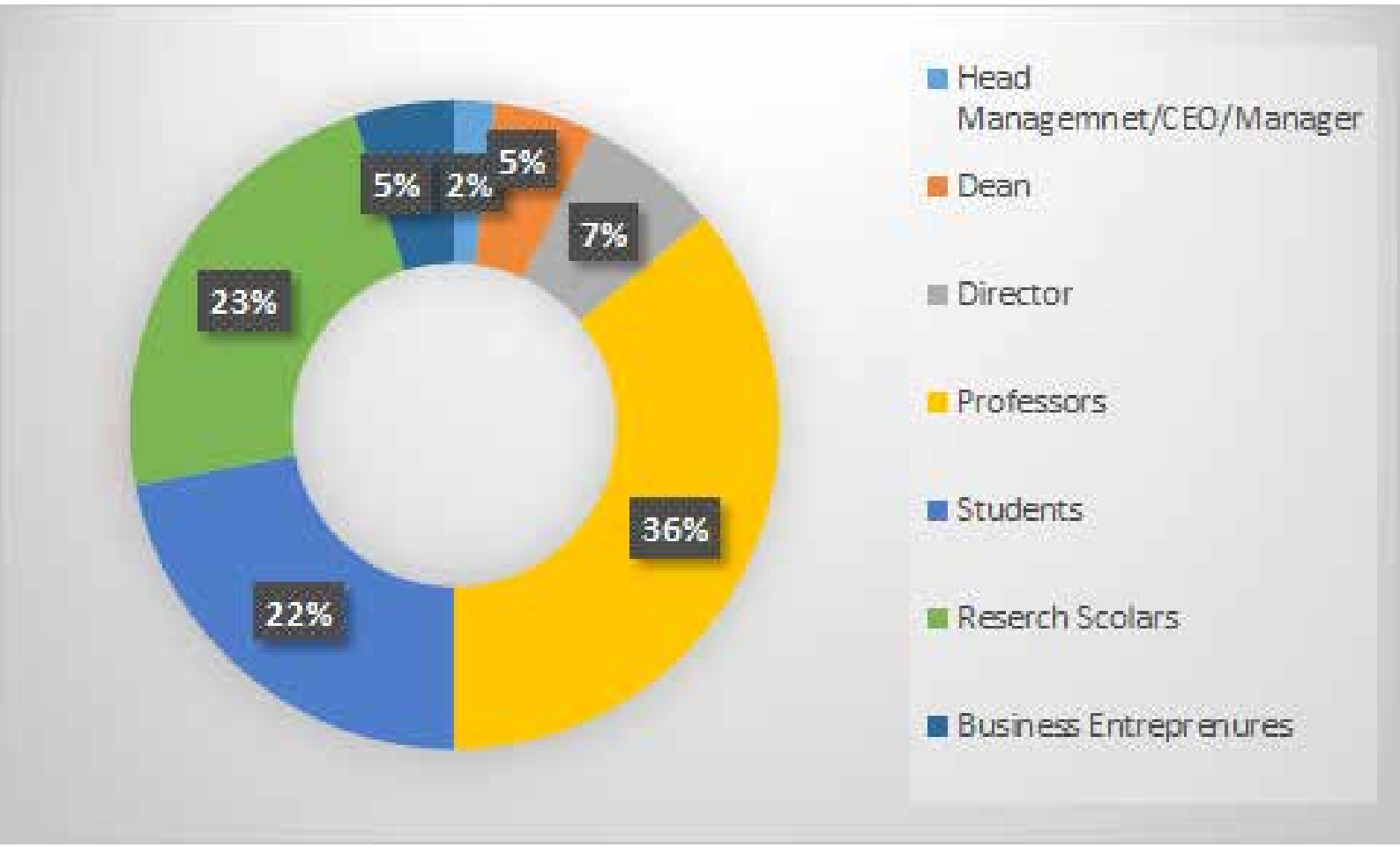


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Explore **Paris**

Paris, the cosmopolitan capital of France, is one Europe's largest cities, with 2.2 million people living in the dense, central city and almost 12 million people living in the whole metropolitan area. Located in the north of France on the river Seine, Paris has the well deserved reputation of being the most beautiful and romantic of all cities, brimming with historic associations and remaining vastly influential in the realms of culture, art, fashion, food and design. Dubbed the City of Light (la Ville Lumière) and Capital of Fashion, it is home to the world's finest and most luxurious fashion designers and cosmetics, such as Chanel, Dior, Yves Saint-Laurent, Guerlain, Lancôme, L'Oréal, Clarins, etc. A large part of the city, including the River Seine, is a UNESCO World Heritage Site.

PARIS *Attractions*



Conciergerie



Eiffel-Tower-paris



Pont_alexandre_iii



Disneyland_paris



Palace_of_versailles



les_invalides



Pantheon_paris





Venue: **Paris, France**



Important Dates:

Abstract Submission Opens: November 20, 2017
Registration Opens: November 27, 2017
Early bird Registration: January 31, 2018
On Spot Registration: July 16, 2018



Registration

http://www.meetingsint.com/conferences/nanotechnology/registration

Abstract Submission

http://www.meetingsint.com/conferences/nanotechnology/abstract-submission

Note

All the relevant abstracts will be accepted and published in respective conference proceedings.

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