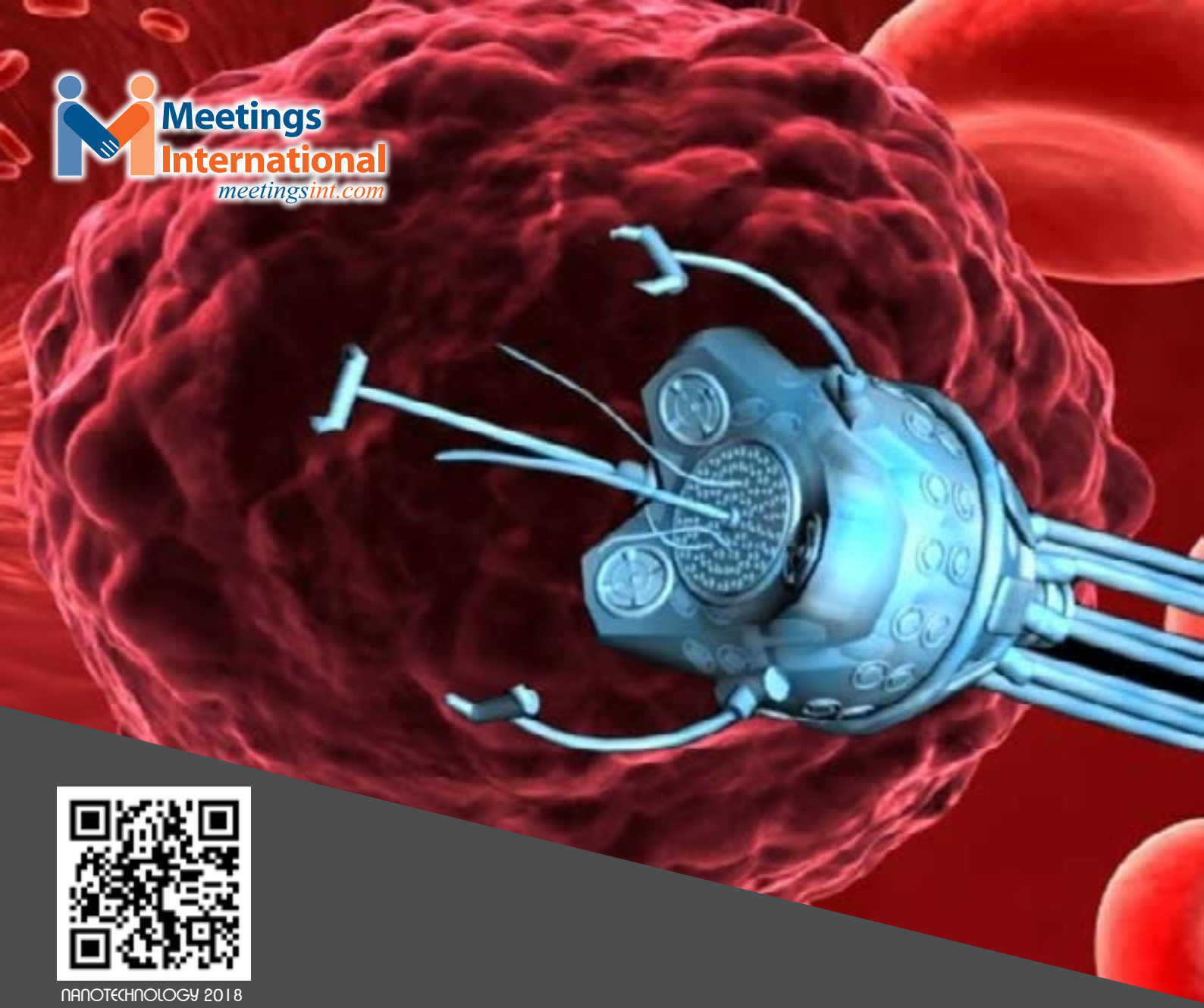


Meetings International
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NANOTECHNOLOGY 2018

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.

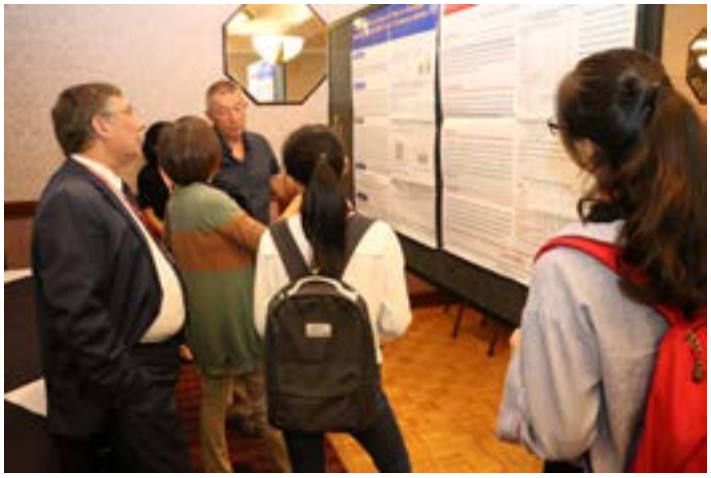
Sincerely,
Operating Committee
CEO and Founder
Meetings International PTE LTD.











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.

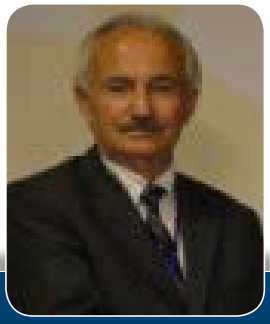
We believe that Nanotechnology 2018 will be performed in a hot and friendly atmosphere full of scientific, cultural and social activities. In particular, this conference will motivate junior and young delegates by interacting with expertise in their scientific fields and by encouraging them and improving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



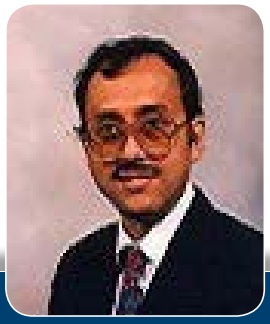
Osman Adiguzel
Professor, Firat University
Turkey



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



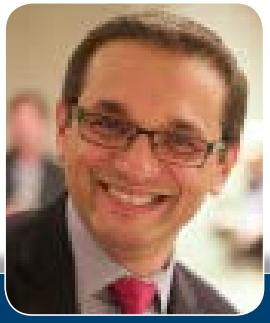
Enge Wang
Professor, Peking University
China



Supriyo Bandyopadhyay,
Professor, Virginia Commonwealth University ,USA



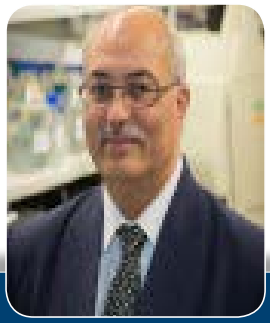
Jiangtao Cheng
Associate Professor, Virginia Tech College of Engineering, USA



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



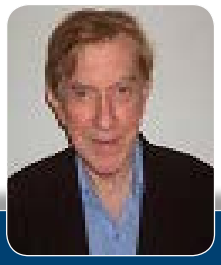
Osman Adiguzel
Professor, Firat University, Turkey



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

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: Electrical Resistance of Metallic and Semiconductor Nanowires
	Waldemar Nawrocki, Poznan University of Technology, Poland
12:20:12:50	Title: Making the hospital a safer place by the sonochemical coating of textiles and medical devices with antibacterial
	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 thermoelectrics with a
	Hewitt Corey, Wake Forest University, USA
14:35-15:55	Title: Extraordinary anticancer activity of graphene oxide-associated therapeutic antibodies
	XinJina Chen, University of Utah School of Medicine, USA
15:55-16:15	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
Networking & Refreshment Break, 16:00-16:20	
16:20-16:40	Title: The roles of nanomaterials in electrical communication, neural connection and brain function of biosystems
	Sheng Yong Xu, Peking University Beijing, China
16:40-17:00	Title: Electrons without effective mass as described by twin physics
	Anna Catharina Maria Backerra, Eindhoven University of Technology, Netherlands
Session Adjournment	
Day 2 July 17, 2018	
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, China
Networking & Refreshment Break, 10:40-11:00	
11:00-11:30	Title: Industrially-viable Nanotechnology Research Activities
	R.M.G. Rajapakse, University of Peradeniya, Sri Lanka
11:30-12:00	Title: Functional nanostructure arrays realized by templates for energy conversion and storage devices
	Yong Lei, Technical University of Ilmenau, Germany
12:00-12:30	Title: Bio-nanocomposites for environmental remediation
	Ajay Kumar Mishra, University of South Africa, South Africa
Workshop	
12:30-13:15	Milestones of charged particle guiding through nanocapillaries in insulating polymers
	Nikolaus Stolterfoht, Hahn-Meitner-Institut 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: Structural, magnetic and antibacterial assessment of Ce co-doped Sr–Mn–ZnO nanoparticles
	Amany Elnahrawy, National Research Centre, Egypt
14:20-14:40	Title: Principle of geoexchanger systems for buildings heating and cooling
	Abdeen Mustafa Omer, Energy Research Institute (ERI), Nottingham, UK
14:40-15:00	Title: Pd nanoparticles supported on copper oxide prepared via microwave – assisted synthesis: an efficient catalyst for suzuki cross-coupling
	Sahir Sadek, British University in Egypt, Egypt
15:00-15:20	Title: GC method developments and solutions
	Rahul Hajare, Rajgad Dnyanpeeth's College of Pharmacy, India
15:20-15:40	Title: Encapsulation of the anticancer drug cisplatin in titanium dioxide nanoparticles for targeted drug delivery and slow release
	P.L.J.B. Liyanage, University of Peradeniya, Sri Lanka
15:40-16:00	Title: Effects of hydroxyapatite –polymethyl methacrylate nanocomposites on human red cell indices and serum proteins
	Tharalamini Piumnil Gamagedara, University of Peradeniy, Sri Lanka

Networking & Refreshment Break, 16:00-16:20	
Poster Session 1	
Nano-01	Title: The antibacterial effect of green and chemically synthesized silver nanoparticles on extended spectrum β-lactamase (ESBL) and carbapenemases producing *Enterobacteriaceae* (CPE)
	Hanan Alqudairy, King Saud University, Saudi Arabia
Nano-02	Title: Nano-Hydroxyapatite and Phosphate Glass Fibre Reinforced Poly-lactic Acid Based Hybrid Composites for Biomedical Applications
	Sharmin N, University of Nottingham , China
Nano-03	Title: Evaluation of Cure Depth and Geometrical Overgrowth Depending on Zirconia Volume Fraction Using Digital Light Processing
	Sang-Won Park, Chonnam National University, Korea
Session Adjournment	
Young Research Forum	
Day 3 July 18, 2018	
10:00- 10:10	Introduction by Session Judge
10:05-10:20	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
10:20-10:35	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
	Networking & Refreshment Break, 10:35-10:55
10:55-11:10	Title: In vitro evaluation of biocompatibility of spherical-shaped calcined hydroxyapatite nanoparticles synthesized via calcium sucrets method
	Gayan Sasanka Nirodha Thilakarathna, University of Peradeniya, Sri Lanka.
11:10-11:25	Title: Synthesis and charaxterization of acidity-triggered, cisplatin encapsulated, slow-release zinc oxide targeted drug delivery nanocomposite for cancer treatement
	Rajapakshe RBSD, University of Peradeniya, Sri Lanka
11:25-11:40	Title: Dye-sensitized self-cleaning and anti-microbial fabric based on nanoparticles of Tio2 adsorbed and dyed cotton
	Zajid AMA, University of Peradeniya, Sri Lanka
11:40-11:55	Title: Evaluation of osteoblast-like cell response to hydroxyapatite nano-particles deposited on self-formed Tio2 thin layer on Ti surface.
	WGTN Premachandra, University of Peradeniya, Sri Lanka
11:55-12:10	Title: Preparation of porous keratin nano-particles from human hair as a carrier for encapsulating anticancer drug paclitaxel (Taxol) for Ph-sensitive targeted drug delivery
	Viranga Wimalasiri, University of Peradeniya, Sri Lanka
12:10-12:25	Title: Transparent oxide incorporation for anti-static polyester fabric
	Kande Appulage Amith Ruparathna, University of Peradeniya, Sri Lanka
12:25-12:40	Title: Encapsulation of nitrogen fertilizer urea in porous calcium carbonate nanocarriers derived from local mineral dolomite for effective and slow release
	Shashiprabha Dunuweera, University of Peradeniya, Sri Lanka
	Lunch 13:00-14:00
Conference Adjournment	



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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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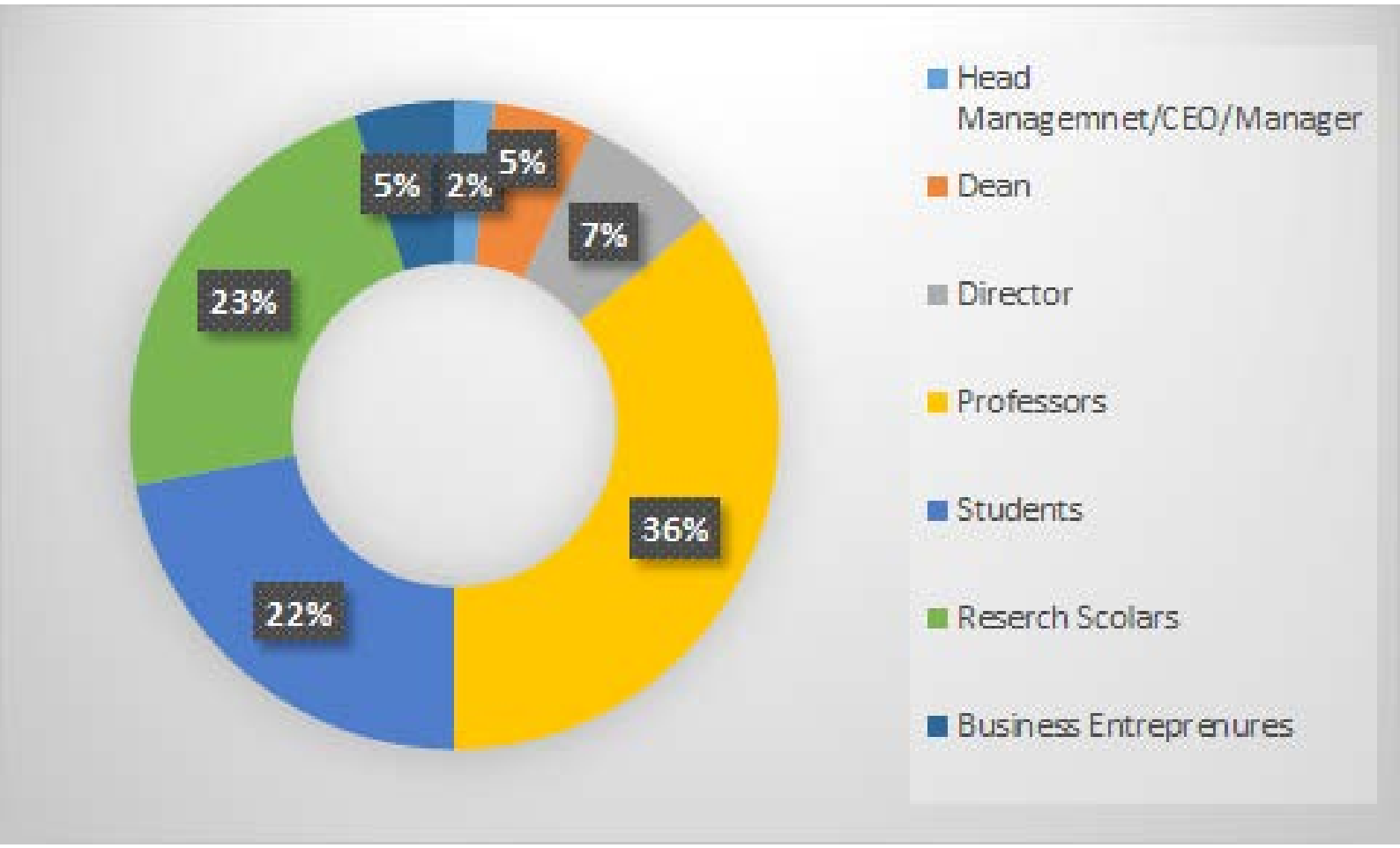



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Explore **Paris**

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.

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Palace_of_versailles



les_invalides



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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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