Meetings International

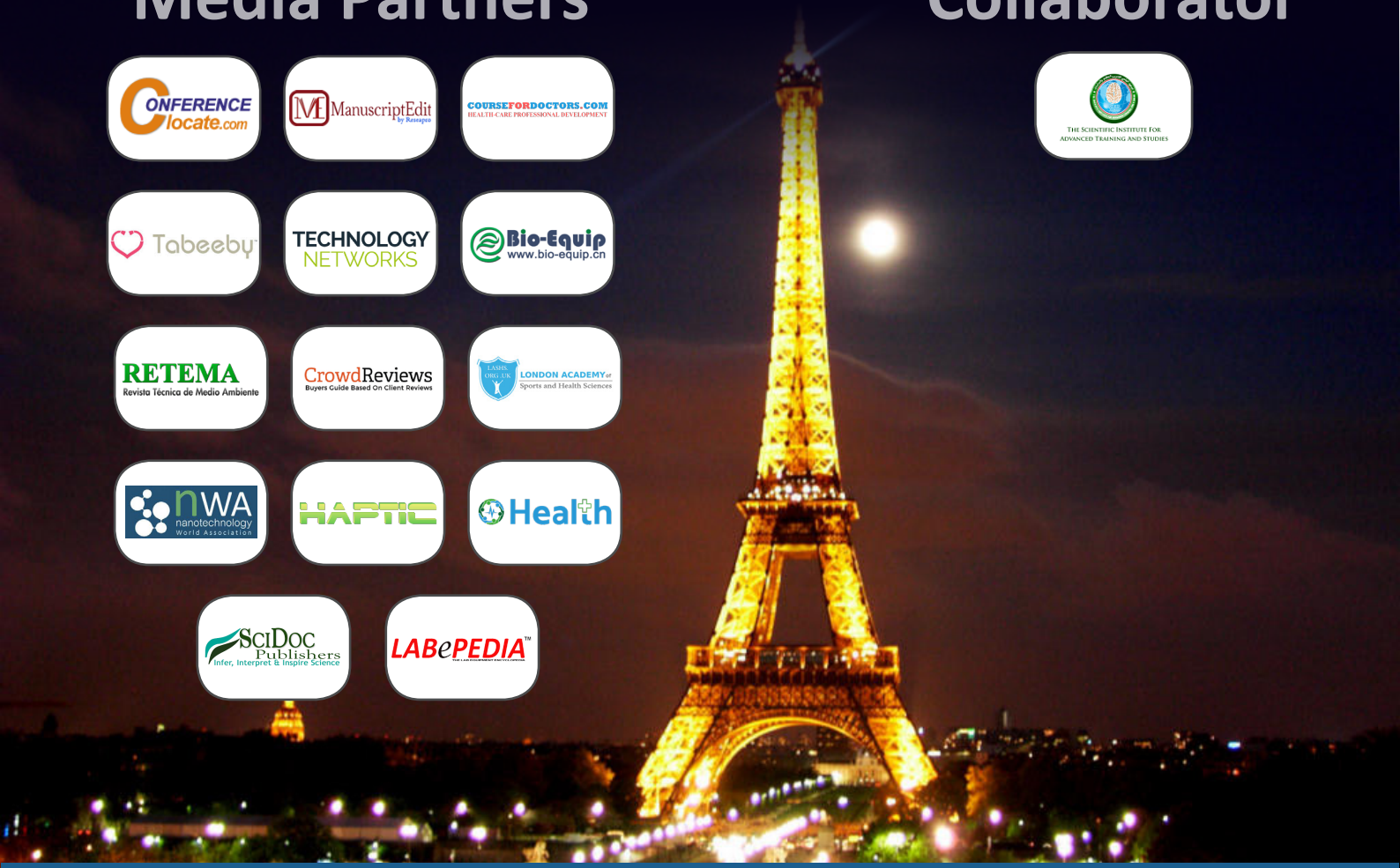
International conference on

Nano Technology and Nano Engineering

July 16-18, 2018 | Paris, France

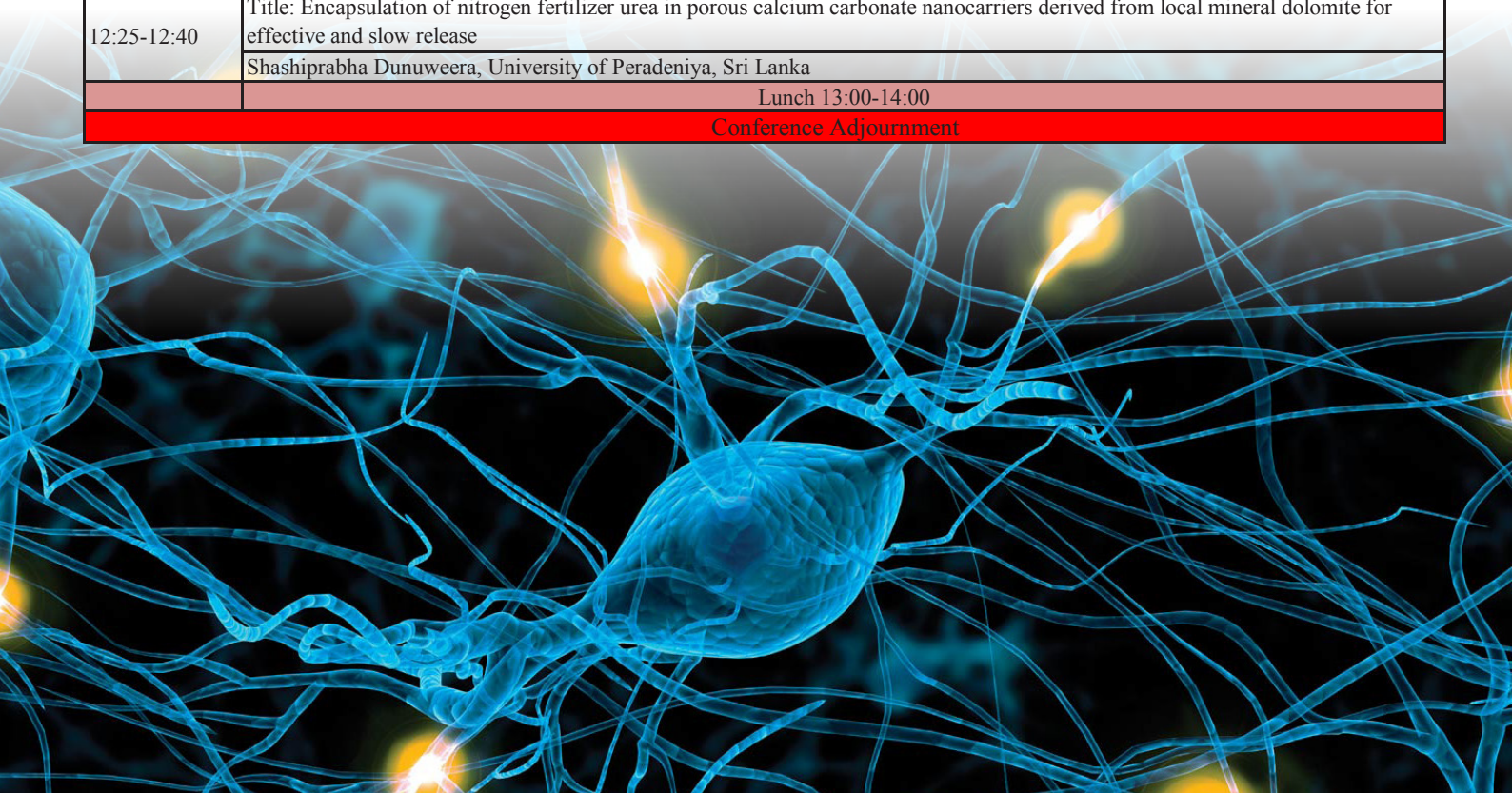
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Nanotechnology 2018 Agenda	
Day 1 July 16, 2018	
09:30-10:00	Registration
10:00-10:20	Opening Ceremony
10:20-10:30	Introduction by Moderator
Keynote Forum	
10:30-11:00	Title: Physical basis and atomic scale aspects of displacive transformations of 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
	Shahir 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: In vitro assessment of a remineralisation system on dental enamel
	Hai Ming Wong, University of Hong Kong, Hong Kong
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	



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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