

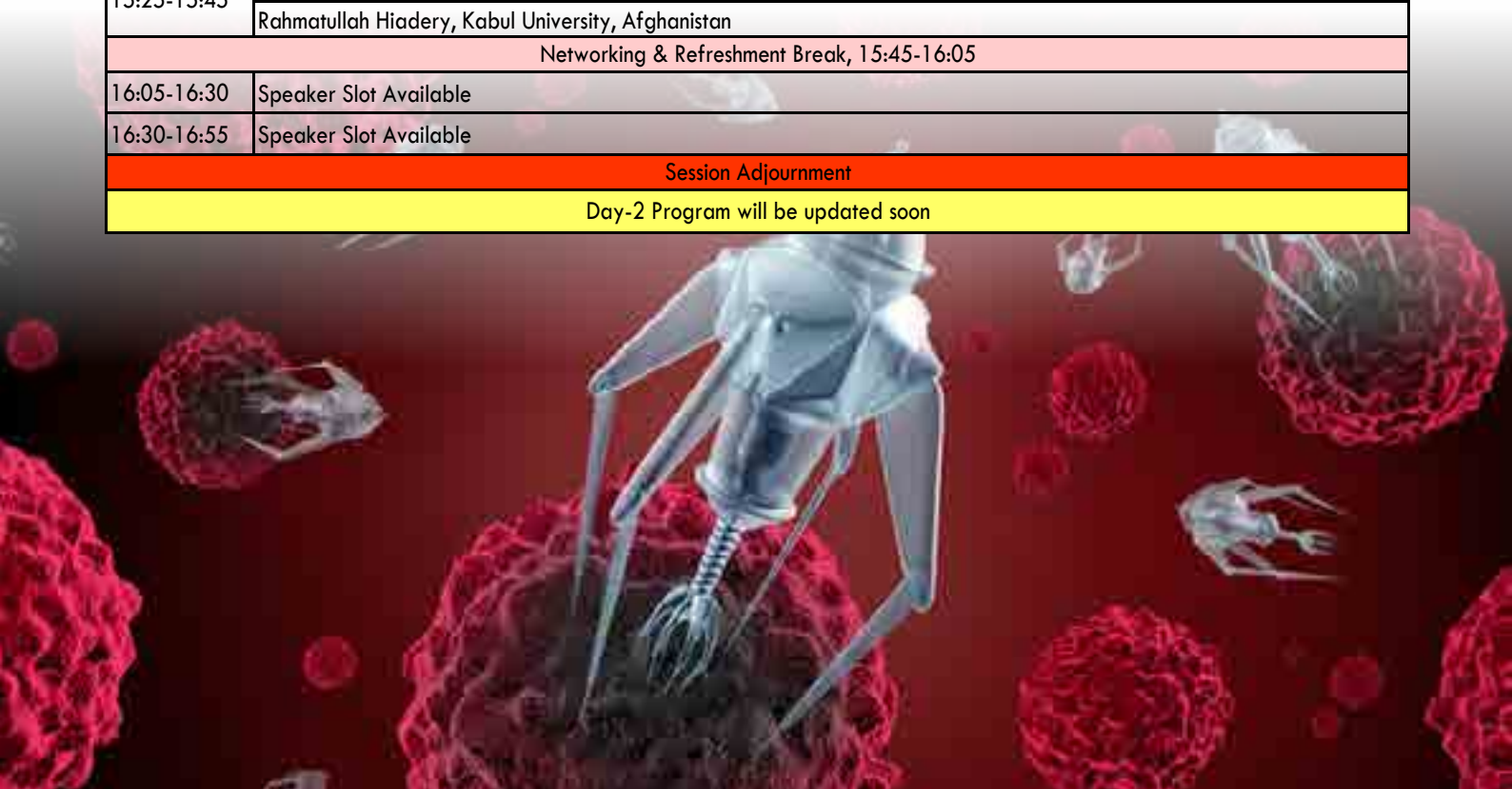
Tentative Program

6th International Conference on

Nanotechnology and Nanoengineering

July 24-25, 2019 | Vancouver, Canada

Nanotechnology-2109 Agenda	
Day 1 July 24, 2019	
09:30-10:00	Registration
10:10-10:20	Introduction by Moderator
Keynote Forum	
10:20-10:50	Title: Evaluation of an Inverse Molecular Design Algorithm in a Model Binding Site as an In silico predicted and computer-aided molecular designed YEATS2 gene blockador for the depletion of YEATS2 or disruption of the interaction between its YEATS domain and acetylated histones and the reduction of the ATAC complex dependent promoter H3K9ac levels targeting to the deactivation of the expression of essential NSCLC genes
	Grigoriadis Ioannis, Biogenea Pharmaceuticals Ltd, Greece
Networking & Refreshment Break, 10:50-11:10	
11:10-11:40	Title: All-Inorganic Perovskite Quantum Dots Nanocomposites and Large Amount Production by Microfluidic System for the Applications in Q-LCD and QLED
	Ru-Shi Liu, National Taiwan University, Taiwan
11:40-12:10	Title: Nanotheranostics for Targeted and Imaging Guided Photothermal and Photodynamic Therapy
	National Taiwan University of Science and Technology, Republic of China
12:10-12:40	Title: Emerging Material Application in Nanoelectronic Devices and Corresponding Electrical Performance Characterization
	Hui-Lin Chang, Micron Technology, USA
Group Photo 12:40-13:00	
Lunch Break 13:00-14:00	
Oral Session I	
14:00-14:25	Title: Long Cycle Life and High Rate Capability of Three Dimensional CoSe2 Grain-Attached Carbon Nanofibers for Flexible Sodium-Ion Batteries
	Ming-Qiang Zhu, Huazhong University of Science and Technology, China
14:25-14:45	Title: Copper- Chitosan fused nanoparticles as a potent fungicidal agent against fungal phyto-pathogens
	Abhishek Mathur, NCS Green Earth Pvt. Ltd., India
14:45-15:05	Title: Engineering plasmonic nanostructures with combining ultrasound and laser pulses
	Shahid Beheshti University of Medical Sciences, Iran
15:05-15:25	Title: Li-ion Battery Research: Progress at C-MET and Future Plans
	Milind V. Kulkarni, Ministry of Electronics and Information Technology, India
15:25-15:45	Title: Application of Nanotechnology in Pharmaceutical Formulation Design and Development
	Rahmatullah Hiadery, Kabul University, Afghanistan
Networking & Refreshment Break, 15:45-16:05	
16:05-16:30	Speaker Slot Available
16:30-16:55	Speaker Slot Available
Session Adjournment	
Day-2 Program will be updated soon	



NANO TECHNOLOGY 2018 AGENDA

July 16, 2018	Nanotechnology Agenda	Day 1

09:30-10:00	**Registration**
	Conference Hall: Aurelia
10:00-10:20	**Opening Ceremony**
10:20-10:30	**Introduction by Moderator**
10:30-11:00	**Keynote Forum** **Title: Physical basis and atomic scale aspects of displacive transformations of shape memory alloys** **Osman Adiguzel**, Firat University, Turkey
	Networking and Refreshment 11:00-11:20 @ Le Foyer
11:20-11:50	**Keynote Forum** **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: Concave bending of contact line due to polarization and surface trapping** **Jiangtao Cheng**, Virginia Tech College of Engineering, USA
12:50-13:00	**Group Photo**
	Lunch Break 13:00-14:00 @ Food and More
	Oral Session I: **Nanotoxicity | Nanomechanics | Graphenes and 2D Materials | Nanobiotechnology | Nanoengineering | Cancer Nanotechnology** Session Chair: **Osman Adiguzel**, Firat University, Turkey Session Co-chair: **Jean-paul Lellouche**, Bar-Ilan University, Israel
14:00-14:20	**Title: Modulation doping and energy filtering in two-dimensional, diChalcogenides: Moving toward flexible thermoelectrics with a ZT ~ 1** **Hewitt Corey**, Wake Forest University, USA
14:20-14:40	**Title: Extraordinary anticancer activity of graphene oxide-associated therapeutic antibodies** **XinJian Chen**, University of Utah, USA

14:40-15:00	**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
15:00-15:20	**Title: The roles of nanomaterials in electrical communication, neural connection and brain function of biosystems** **Sheng Yong Xu,** Peking University Beijing, China
15:20-15:40	**Title: Exploring modified Hermite-Gaussian waves for phase-front engineering in a graded index photonic crystal operating out of metamaterial classs** **Evrim Colak,** Ankara University, Turkey

Networking & Refreshment Break, 15:40-16:00 @ Le Foyer

16:00-16:20	**Title: Electrons without effective mass as described by twin physics** **Anna Catharina Maria Backerra,** Eindhoven University of Technology, Netherlands
14:25-14:50	**Title: Numerical study of the forced convection heat transfer for cooling by Hybrid Nano-fluids** **Houda Baghli,** University M'hamed Bougara of Boumerdes, Algeria
16:40-17:00	**Title: Multi-frequency low-pass, band-pass and band-stop type spatial filtering in a photonic crystal** **Evrim Colak,** Ankara University, Turkey

Session Adjournment

July 17, 2018 **Day 2**

Conference Hall: Aurelia

10:00-10:10	**Introduction by Moderator**
10:10-10:40	**Keynote Presentation** **Title: Neuro-degenerative diseases by UV radiation from nanoparticles** **Thomas V Prevenslik,** QED Radiations, China

Networking & Refreshment Break, 10:40-11:00 @ Le Foyer

11:00-11:30	**Keynote Presentation** **Title: Smart nano-systems based on polymeric lipid vesicles and their applications in tumor diagnosis and therapy** **Jin Chang,** Tianjin University, China
11:30-12:00	**Title: Flexible quantum dots sensitized Solar cells** **Basma EL zein,** University of Business and Technology, Saudi Arabia

12:00-12:45

Workshop

Title: Milestones of charged particle guiding through nanocapillaries in insulating polymers

Nikolaus Stolterfoht, Hahn-Meitner-Institut Berlin, Germany

Lunch 12:45-13:45 @ Food and More

13:45-14:30

Workshop

Title: A practical approach to customizing Intellectual Property strategies for commercialization of Nano-Based solutions

Youssef Ghassemi, University of Paris Sud, France

Oral Session II: Nanomedicine | Nano Pharmaceuticals | Recent Innovations | Nanomechanics | Nanophotonics

Session Chair: **Jiangtao Cheng,** Virginia Tech College of Engineering, USA
Session Co-chair: **XinJian Chen,** University of Utah, USA

14:30-14:50

Title: Unidirectional and bidirectional beam splitting in photonic structures due to diffraction with defect layer replacing interface corrugations

Evrim Colak, Ankara University, Turkey

14:50-15:10

Title: Nanotechnology education in America

Kevin Conley, Forsyth Technical Community College, USA

15:10-15:30

Title: Engagement strategy to transform nanotechnology based products from theories to the factory floor in the Middle East

Ahmed Abushomi, The University of Oxford, UK

15:30-15:50

Title: Effects of biocompatible substrates on the electrical properties of graphene

M Amiri, Sharif University of Technology, Iran

15:50-16:10

Title: Transparent oxide incorporation for anti-static polyester fabric

K A A Ruparathna, University of Peradeniya, Sri Lanka

Networking & Refreshment Break, 16:10-16:30 @ Le Foyer

16:30-16:50

Title: Development of a nanosensor based on the quenching effect of MWCNTs for glucose monitoring in serum

Amina Rhouati, Ecole Nationale Supérieure de Biotechnologie, Algeria

16:50-17:10

Title: Two different beam deflection mechanisms together with unidirectionality in photonic structures without corrugations under oblique incidence

Evrim Colak, Ankara University, Turkey

Poster Session (16:00-16:30) @ Le Foyer

Session Judge: Waldemar Nawrocki, Poznan University of Technology, Poland

Nano-01

Title: Nano-hydroxyapatite and phosphate glass fibre reinforced Poly-lactic acid based hybrid composites for biomedical applications
Sharmin N, University of Nottingham, China

Nano-02

Title: Evaluation of cure depth and geometrical overgrowth depending on Zirconia volume fraction using digital light processing
Sang-Won Park, Chonnam National University, Korea

Nano-03

Title: Ionic polymer metal composite actuators based on silver nanowires/platinum electrodes with large deformation and fast response rate
Minjeong Park, Inje University, South Korea

Nano-04

Title: PEDOT:PSS/Graphene oxide-silver nanowires paper electrodes by using Triton X-100 to enhance the driving properties of electroactive polymer actuators
Seokju Yoo, Inje University, South Korea

Nano-05

Title: Enhanced durability of ionic electroactive polymer actuators coated with hexagonal-boron nitride
Yunkyeong Bae , Inje University, South Korea

Nano-06

Title: Classification based computation: Nanofibrous scaffolds architecture using support vector regression analysis
Tajudeen Ayodele Adebileje, Tehran University of Medical Sciences-International Campus (TUMS-IC), Iran

Session Adjournmnet

July 18, 2018 **Day 3**

Networking & Lunch Break 13:15-14:00 @ Food and More

Conference Adjournment



NANO TECHNOLOGY 2018 SPEAKERS



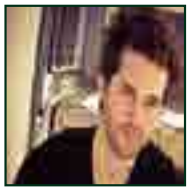
YOUSSEF GHASSEMI
Iran



CONSTANTINOS SIOUTAS
USA



THOMAS PREVENSLIK
Germany



COREY HEWITT
USA



XINJIAN CHEN
USA



TAJUDEEN AYODELE ADEBILEJE, Iran



SANG-WON PARK
South Korea



SHENGYONG XU
China



PAUL KIEKENS
Belgium



SEOKJU YOO
South Korea



MINJEONG PARK
South Korea



YUNKYEONG BAE
South Korea



ANNA CATHARINA MARIA BACKERRA, Netherlands



OSMAN ADIGUZEL
Turkey



JEAN-PAUL LELLOUCHE
Israel



BASMA EL ZEIN
Saudi Arabia



WALDEMAR NAWROCKI
Poland



NIKOLAUS STOLTERFOHT
Germany



JIANGTAO CHENG
USA



NISHIMURA SHUN
Japan



KEVIN CONLEY
USA



NUSRAT SHARMIN
China

GLIMPSES OF NANOTECHNOLOGY 2018

What people say about Nanotechnology 2018



Thank you for your friendly mail. I enjoyed the conference with interesting speakers. I did not know anybody at the beginning but I found good companions during the conference.The hotel was good but it was located somewhat outside of Paris. Nevertheless, we had a good time. Anyway, thank you again for your invitation.

NIKOLAUS STOLTERFOHT
Emeritus Professor, Hahn-Meitner-Institut Berlin, Germany



The conference sessions proceeded successfuly in a hot and friendly atmosphere. I observed during the conference every delegate and speaker interacted with each other and made friend. I am sure that the conference has become a scientific platform to exchange knowledge among the scientists from all over the world, and they will conduct a new collaborations. During the conference, onsite organizers spent a great effort. I believe that the level and quality and reputation will increase year to year. Unexpected and unavoidable circumstances can occur at everywhere and every activation, and they can be solved easily. Hope to meet you and your team in another conference.

OSMAN ADIGUZEL
Professor, Firat University, Turkey



I also really appreciated all the scientific contact I made within all these participants - Think that in the future if you might request some help for that renewal activity, I might be helping your team of course (I have some suggestions for making better sort / type of presentation activities for invited speakers of course according to my experience in the field).

JEAN-PAUL LELLOUCHE
Professor, Bar-Ilan University, Israel

