

Nanotech ME 2017 / Surtech ME 2017 / Biotech ME 2017 Conference Program

December 4 - 6, 2017 | Dubai, U.A.E

December 4, 2017

Nanotech ME 2017 Session I: Nanomaterials Fabrication, Characterization and Properties

Conference Room - Sheikh Maktoum Hall

Session Chairs:

Prof. Rashid K. Abu Al-Rub, Masdar Institute - Abu Dhabi, UAE

Prof. Maria Teresa Amorim, Minho University, Portugal

08:00 - 10:00 Registration + Welcoming Coffee

10:00-10:30	Near term commercial applications for Graphene, Composites and Conductive Pastes R. Gibbs	Mr. Ray Gibbs , Haydale Graphene Industries Plc, UK
10:30-11:00	Novel Types of Multifunctional Micro/Nano-Architected Materials R.K. Abu Al-Rub	Prof. Rashid K. Abu Al-Rub , Masdar Institute – Abu Dhabi, UAE
11:00-11:30	Challenges on modeling of grain size impact on polycrystalline metallic behavior A. Abdul-Latif , S. Ramtani and N. A. Zontsika	Prof. Akrum Abdul-Latif , Paris 8 University, France
11:30- 12:00	Application of bioleaching solutions for the biosynthesis of metal nanoparticles Z. Sadowski and A. Pawlowska	Prof. Zygmunt Sadowski , Wroclaw University of Science and Technology, Poland

12:00 - 14:00 Lunch Break / Posters Session I

Session Chairs:

Prof. Rashid K. Abu Al-Rub, Masdar Institute, Abu Dhabi, UAE

Prof. Akrum Abdul-Latif, Paris 8 University, France

Prof. Zygmunt Sadowski, Wroclaw University of Science and Technology, Poland

14:00-14:30	Graphene-2D Materials Nanoelectromechanical (NEM) Devices and Its Extreme Sensitivity M. Muruganathan , H. Van Ngoc, J. Kulothungan, M.E. Schmidt and H. Mizuta	Dr. Manoharan Muruganathan , Japan Advanced Institute of Science and Tehcnology, Japan
14:30-15:00	Effect of Secondary Phases on Deformation Nanostructuring and Strengthening of Aluminum Alloys M. Markushev , S. Krymskiy, E. Avtokratova and O. Sitdikov	Prof. Michael Markushev , Institute for Metals Super plasticity Problems, Russia
15:00-15:15	Continuous-Flow Assisted Method for Scaling up Nanoparticles Synthesis L. Sinatra , M. Lutfullin, J. Pan and O. Bakr	Dr. Lutfan Sinatra , Quantum Solutions LLC, Saudi Arabia
15:15-15:30	Understanding the technology behind world's highest resolution micro 3D printer and its applications R. Ahmad	Mr. Rameez Ahmad , Nanoscribe GmbH, Germany
15:30-16:00	Optical characterization and related applications of cerium oxide nanoparticles N.Shehata	Dr. Nader Shehata , Alexandria University, Egypt

16:00 - 16:30 Coffee Break / Posters Session I

16:30-17:00	Structural and dynamical study of semicrystalline block copolymers J. Jenczyk and S. Jurga	Prof. Stefan Jurga , Adam Mickiewicz University, Poland
17:00-17:15	Controlled Synthesis of different ZnO Nanostructures for Sensing Applications M. Alenezi	Dr. Mohammad Alenezi , PAAET, Kuwait
17:15-17:30	Influence of thermal processing rate on the structural and morphological properties of Cu ₂ SnS ₃ (CTS) prepared using solid state reaction technique N. J Choudhari, N. Shubhava and Y. Raviprakash	Dr. Raviprakash Y , Manipal University, India
17:30-17:45	Synthesis of ZnO nanowires with supercritical carbon dioxide and post heat treatment A. Kaleva , J-P. Nikkanen, S. Heinonen, V. Saarimaa, T. Vuorinen and E. Levänen	Mr. Aaretti Kaleva , Tampere University of Technology, Finland

17:45-18:00	Effects of Electron Beam Irradiation on Al/n-Si Schottky Diode Parameters P.Kumara Shetty , I.Panduranga Vali and M.G. Mahesha	Dr. Pramoda Kumara Shetty , Manipal University, India
18:00-18:15	The Study of Physical Properties of Fractal Graphene Layers N. Margaryan	Mr. Narek Margaryan , National Polytechnic University of Armenia, Armenia
18:15-18:30	Dynamic Mechanical properties of Oil Palm Nano filler based epoxy Nanocomposites N.Saba, M. Jawaid , O. Y Alothman and P.Md Tahir	Dr. Mohammad Jawaid , Putra University Malaysia, Malaysia

Conference Room Dubai D (First floor)

Joint Session I.A - Surtech ME 2017 / Nanotech ME 2017 / Biotech ME 2017

Session Chair:

Dr. Manoharan Muruganthan, Japan Advanced Institute of Science and Tehcnology

16:30-17:00	Developpement of "bio" Titanium based thin films A. Alhussein , S. Achache and F. Sanchette	Prof. Akram Alhussein , University of Technology of Troyes, France
17:00-17:15	The research of Pt ALD on various textiles materials and understanding of fundamentals behind the surface reactions between Pt and textiles J.S. Park , I-K. Oh, T-H. Han, R. Khan, H. Kim, and H.B.R. Lee	Mr Jong Seo Park , Yonsei University, Rep. of Korea
17:15-17:30	Wear Properties of Detonation Gun deposited Steel Reinforced with Tungsten Carbide particulates I. Shakhova, F. Azarmi and X.W. Tangpong	Prof. Fardad Azarmi , North Dakota State University, USA
17:30-17:45	Bacteria-Responsive Gold Nanoclusters-Mesoporous Silica-Polymer Mixed Membrane Coating: Simultaneous Detection and Inhibition of Healthcare-Associated Infections S.K. Alsaieri , M.A. Hammami, J. G. Croissant, H.W. Omar,† P. Neelakanda, T. Yapici, K-V. Peinemann and N.M. Khashab	Ms. Shahad K. Alsaieri , King Abdullah University of Science and Technology (KAUST), Saudi Arabia
17:45-18:00	A study of wear performance and Lubrication mechanism of WC-10Co-4Cr HVOF sprayed coating under engine oil and graphitic nanoplatelets Y.Sidra and A.Mateen	Mrs. Sidrah Younus Khan , Institute of Space Technology, Islamabad, Pakistan
18:00-18:15	Laser Inscription of Pseudorandom Structures for Microphotonic Diffuser Applications T. Alqurashi and H. Butt	Mr. Tawfiq Alqurashi , University of Birmingham United Kingdom
18:15-18:30	Fe Nanoparticles in CuAl Alloy Matrix Systems M.S.Kurt , S. Baker and M; Richard Lees	Dr. Mustafa Sukru Kurt , Erzurum Technical University, Turkey

December 5, 2017

Nanotech ME 2017 / Surtech ME 2017 Session II: Nanomaterials for Energy and Environment / Nano Electronics

Conference Room - Sheikh Maktoum Hall

Session Chairs:

Prof Daniel Choi, Masdar Institute, UAE

Prof. Haris Doumanidis, Khalifa University, UAE

Mr. Joe Davis, Vice President, Sales Engineer, Tesla NanoCoatings, USA

09:00-09:30	Underwater Robotic Manufacturing by Biomimetic Macroscale Assembly A. Alzaabi, A. Hussien, F. Renda, C. Stefanini and C. Doumanidis	Prof. Haris Doumanidis , Khalifa University, United Arab Emirates
09:30-10:00	One-dimensional nanoworld for energy applications D. Choi	Prof Daniel Choi , Masdar Institute, UAE
10:00-10:30	Nanoscale Carbon Solutions for Harsh Marine and Offshore Environments	Mr. Joe Davis , Tesla NanoCoatings, USA
10:30 - 11:00 Coffee Break / Posters Session II		
11:00-11:30	Expansion of Institute Coatings Programs to Support Asset Management of Coatings Systems	Mr Gasem Fallatah , NACE Int. West Asia & Africa Area, KSA
11:30-12:00	Graphene for energy and environment applications M. Kemp	Dr. Martin Kemp , XCIENCE Ltd, UK
12:00-12:30	Towards a discovery solution for nanotechnology - Challenges & Prospects A. Gheisi , P. Roy, J. Xiao and W. Chiuman	Dr. Amir Gheisi , Springer Nature, Germany
12:30 - 13:45 Lunch Break / Posters Session II		
13:45-14:00 Conference Group Photo		

Nanotech ME 2017 Session II.A: Nanomaterials for Energy and Environment

Conference Room - Sheikh Maktoum Hall

Session Chairs:

Prof Daniel Choi, Masdar Institute, UAE

Dr. Muataz Ali Atieh, Qatar Environment and Energy Research Institute, Qatar

Dr. Martin Kemp, XCIENCE Ltd, UK

14:00-14:45	Towards Mechanistic Understanding of the Role of Nanoparticle Technology in Energy and the Environment Applications N. Nassar	Prof. Nashaat N. Nassar , University of Calgary, Canada
14:45-15:15	Carbon Nanomaterials for Water Treatment Applications M.A. Hussien	Dr. Muataz Ali Atieh , Qatar Environment and Energy Research Institute, Qatar
15:15-15:45	Pulsed Lasers based writing of Reconfigurable Nanopatterns H. Butt	Dr. Haider Butt , University of Birmingham, UK
16:00 - 16:30 Coffee Break / Posters Session I		
16:30-17:00	Hydrothermal synthesis of manganese phosphate/graphene foam composite for electrochemical supercapacitor applications A.A. Moshawe and N. Manyala	Prof. Ncholu Manyala , University of Pretoria, S. Africa
17:00-17:15	Progress in Nanocrystal Zeolites of MFI for Hydrocarbon Cracking E.N. Al-Shafei , O. Muraza, M.A. Sanhoob, A.K. Jamil, K-H. Choi, M.A. Abdullah and A.S. Alnaser	Dr. Emad N. Al-Shafei , Research and Development Center, Saudi Aramco, K.S.A
17:15-17:30	Microwave-assisted synthesis of cobalt sulphide nanoparticles clusters on activated graphene foam for electrochemical supercapacitor T.M. Masikhwa and N. Manyala	Dr. Tshifhiwa M. Masikhwa , University of Pretoria, S. Africa
17:30-17:45	Nanotechnology of Pinning Centres in Superconducting Films for Clean Energy-saving Power Applications A. Crisan , I. Ivan and L. Miu	Dr. Adrian Crisan , National Institute for Materials Physics Bucharest, Romania

17:45-18:00	Novel rGO/CdS encapsulated SNC for improved Oxygen Reduction reaction S. Chandrasekaran , L.Wang, L.Sui, T.Ngo, J.S.Chung and S. H. Hur	Dr. Sundaram Chandrasekaran , University of Ulsan, Rep. of Korea
18:00-18:15	Sustainable Valorization of Carbon Dioxide towards Methane with Ionic Liquids Nanoparticles E. Bogel-Lukasik , C.I. Melo, L.C. Branco and M.Nunes da Ponte	Dr. Ewa Bogel-Lukasik , NOVA University of Lisbon, Portugal

16:00 - 16:30 Coffee Break / Posters Session II

Nanotech ME 2017, Session II.B: Nanoelectronics

Conference Room Dubai D (First floor)

Session Chairs: Prof. Ncholu Manyala, University of Pretoria, S. Africa
Prof. Alexander Gorokhovskiy, Yuri Gagarin State Technical University of Saratov, Russia
Prof. Elhadj Dogheche, University of Valenciennes, France

14:00-14:30	Design, Fabrication and Characterization of III-nitride high speed photonic sensors B. Alshehri, K. Dogheche, S. Belahsene, A. Ramdane and E. Dogheche	Prof. Elhadj Dogheche , University of Valenciennes, France .
14:30-15:00	Design and Properties of Heterostructured Nanoparticles based on modified potassium polytitanates A. Gorokhovskiy , V. Goffman, E. Tretyachenko, N. Gorshkov, M. Vikulova, D. Kovaleva,	Prof. Alexander Gorokhovskiy , Yuri Gagarin State Technical University of Saratov, Russia
15:00-15:30	Flexible Superhydrophobic Electrochromic Devices S.K. Nemani, M.M. Jamal Hazem, D. Chen and H. Sojoudi	Prof. Hossein Sojoudi , University of Toledo, USA
15:30-15:45	Novel Light Emitting Materials Based on Low Dimensional Perovskites M. Lutfullin , L. Sinatra, J. Pan and O. Bakr	Dr. Marat Lutfullin , Quantum Solutions LLC, Thuwal, Saudi Arabia
15:45-16:00	Effects of pressure and magnetic field on a two-dimensional Heisenberg antiferromagnet.	Mr. Nicolò Barbero , ETH Zurich, Switzerland

16:00 - 16:30 Coffee Break / Posters Session II

16:30-16:45	High aspect ratio micro and nanostructures enabled by photo-electrochemical etching for sensing and energy harvesting applications. B. Alhalaili , D. Dryden, M. Ombaba, H. Cansizoglu, Y. Gao and M. Saif Islam	Ms. Badriyah Alhalaili , University of California, Davis, USA
16:45-17:00	Growth and Characterization of a Nonlinear Optical Organic Crystal: 2,4,5-Trichloroacetanilide V. Upadhyaya	Dr. Vyasa Upadhyaya , Manipal University, India
17:00-17:15	A hidden correlation between absorption spectra of graphene nanoribbons and carbon nanotubes V. A. Saroka , M. V. Shuba and M. E. Portnoi	Dr. Vasil Saroka , Belarusian State University, Belarus
17:15-17:30	Photoelectrochemical study of Antimony doped SnO ₂ film/ Chromate solution R. Outemzabet , H. Ali, M. Trari, R. Brahimi and B. Bellal	Prof. Outemzabet Ratiba , University of Sciences and Technology Houari Boumediene, Algeria
17:30-17:45	PVB encapsulant polymer functionalized with luminescent down-shifting technique as emerging material K. Agroui , G. Collins, G. Oreski, O. Arfi and N. Drouiche	Dr. Kamel Agroui , Semiconductors Technology for Energetic Research Center, Algeria

December 6, 2017

Session III. A, Joint Nanotech ME 2017 / Biotech ME 2017

Conference Room - Sheikh Maktoum Hall

**Session Chairs: Prof. Stefan Jurga, Adam Mickiewicz University, Poland
Dr. Haider Butt, University of Birmingham, UK**

09:00-09:30	Passion fruit-like nano-architectures: generalized production and bio-applications D. Cassano, S. Pocovi-Martinez and V. Voliani	Dr. Valerio Voliani , Istituto Italiano di Tecnologia, Italy
09:30-09:45	Optical biosensors detection of mycotoxins using aptamer-based gold nanostructures A. Al Rubaye , A. Nabok, G. Catanante, J-L. Marty, E. Takacs and A. Szekacs	Mr. Ali Al Rubaye , Sheffield Hallam University, United Kingdom
09:45-10:00	Mycotoxin biosensor based on optical planar waveguide A.M. Al-Jawdah , A. Nabok, A. Holloway and A. Tsargorodska	Mr. Ali M. Al-Jawdah , Sheffield Hallam University, United Kingdom
10:00 - 10:30 Coffee Break / Posters Session II		
10:30-11:00	Nature Inspired Optical Biosensors H. Butt	Dr. Haider Butt , University of Birmingham, UK
11:00-11:15	Improved Anticancer Activity of siRNA/Calcium Phosphate Nanoparticle Systems in Lung Cancer Cells G. Kara , F. Bakan, A. Parlar, T. Sutlu and E.B. Denkbaz	Ms. Goknur Kara , Hacettepe University, Turkey
11:15-11:30	Core fucosylation of Asn297 glycosylation site effects on IgG2-based therapeutic monoclonal antibodies biological and biophysical properties and fucosylation kinetics K. K. Al-Kinani , D.R. White, C. R. Middaugh and T.J. Tolbert	Dr. Khalid K. Al-Kinani , University of Baghdad, Iraq
11:30-11:45	Aflatoxin M1 Decontamination Potential of Free and Immobilized Lactobacillus plantarum and Lactobacillus fermentum M.R. Javed , H. Abbas, M. Usman and S. Nazir	Dr Muhammad Rizwan Javed , Government College University Faisalabad, Pakistan
11:45-12:00	Ultrasound Enhanced Release of Active Targeting Liposomes Used for Cancer Treatment N.M. Salkho, V. Paul, P. Kawak, R.F. Vitor, A.M. Martin, N. Awad , M. Al Sayah, G.A. Hussein	Dr. Nahid Awad , American University of Sharjah, UAE

December 6, 2017

Session III. B, Joint Nanotech ME 2017 / Surtech ME 2017: Nanotechnology for environment applications

Conference Room Dubai D (First floor)

Session chairs:

Dr. Muataz Ali Atieh, Qatar Environment and Energy Research Institute, Qatar
Dr. Palaniswamy. Suresh. Kumar, Environmental & Water Technology Centre of Innovation (EWTCOI), Singapore

09:00-09:15	Novel Ionic Liquids based Nanocomposite Catalysts for Direct Conversion of CO ₂ and Methanol into Dimethyl Carbonate A.A. Pawar, A.A. Chaugule, A.H. Tamboli and H. Kim	Prof. Hern Kim , Myongji University, Rep. of Korea.
09:15-09:30	Nanopyroxene Grafted with β -CD Polymer for Produced Water Treatment G. Nafie , G. Vitale and N.N. Nassar	Ms. Ghada Nafie , University of Calgary, Canada
09:30-09:45	Modeling and Experimental Study of Carbon dioxide capture in an Absorption column using Nanofluid M. Arivazhagan , A. Krishnan and D. Navamani Kartic	Dr. M. Arivazhagan , National Institute of Technology - Tiruchirappalli, India
09:45-10:00	Ultrasound Assisted Oxidation of p-nitroaniline by Synthesized Ferroferric Oxide Encapsulated Guar Nanocomposite J. Balachandramohan, M. Midhun Kumar and T. Sivasankar	Dr. Thirugnanasambandam Sivasankar , National Institute of Technology Tiruchirappalli, Tamilnadu, India
10:00 - 10:30 Coffee Break		
10:30-10:45	Polyelectrolyte coated electrospun Polyacrylonitrile (PAN) Nanofiber membrane to remove Cu ²⁺ metal ions P. S. Kumar , G.E. Ling, J. Sundaramurthy and G. Sing	Dr. Palaniswamy. Suresh. Kumar , Environmental & Water Technology Centre of Innovation (EWTCOI), Singapore
10:45-11:00	Effect of different parameters on the properties of prepared cellulose acetate membranes M. Silva and M.T. Pessoa de Amorim	Dr. Monica Silva , University of Minho, Portugal
11:00-11:15	AlOOH-TiO ₂ dual nanostructures with anti-oil fouling nature for oil-water separation S.M. Yoon , E. Yu, H. Lee, K. Hwan Oh, S.Nahm and M-W. Moon	Ms. Sun Mi Yoon , Korea Institute of Science and Technology, Rep.of Korea
11:15-11:30	Corrosion monitoring of gold and silver nanoobjects in drinking water vs. simulated body fluid M. Halama , M. Makowska-Janusik, A. Kovalcikova and V. Violani	Dr. Maros Halama , Technical University of Kosice, Slovak Republic

Posters Sessions

December 4, 2017

Posters Session I: Nanotech ME 2017 / Surtech ME 2017

Posters / Coffee break area - Sheikh Maktoum Hall

N.	Poster Title	Author/Affiliation/Country
1	Synthesis of a new artificial linker resorc[4]arene-based system for immunosensors development E. De Paolis , F. Ghirga, C. Ingallina, C. Tortolini, L. Mangiardi, F. Mazzei, B. Botta, D. Quaglio and S. Corradi	Dr. Elisa De Paolis , Sapienza University of Rome,, Italy
2	Synthesis, Growth and Characterization of Acetophenone-4-Quinoline-D Chalcone Single Crystal: A Potential Nonlinear Optical Material A. Narayana Prabhu	Dr. Ashwatha Narayana Prabhu , Manipal University, India
3	Synthesis of Ni(OH) ₂ /ZnO Core-Shell Nanostructured Electrodes for Improving Supercapacitor Performance by a Hydrothermal Method and Atomic Layer Deposition S-H. Kwon and J-H. Ahn	Prof. Se-Hun Kwon , Pusan National University, Rep.of Korea
4	A Study of HMDSO plasma during nanoparticles growth using sinusoidal Pulse Low Frequency plasma polymerization Y. Fermi , S. Sahli, M. Kihel and P. Raynaud	Mr. Fermi Youcef , Freres mentouri constantine University, Algeria
5	Hyper-Crosslinked Polymers and Nanocomposites realized through a versatile high yield process R. Castaldo, R. Avolio, M. Cocca, G. Gentile, M.E. Errico, M. Avella , C. Carfagna, V. Ambrogio	Dr. Maurizio Avella , Institute for Polymers, Composites and Biomaterials-NRC, Italy
6	One step facile synthesis of hetero structured Ag-Ni bimetallic nanoparticles by seed less approach S. S. Alruqi , S.A. Alzahrani and S.A. Al-Thabaiti	Ms. Sarah Saad Alruqi King Abdulaziz University, Saudi Arabia
7	Imaging of the optical response of single nanoparticle spatially oriented and shaped by ion irradiation A. Slablab , L. Turquet, M. Kauranen, C. Ulysse, P. E. Coulon and G. Rizza	Dr. Abdallah Slablab , Tampere University of Technology, Finland
8	Ammonia sticking on surfaces M. Ben Yaala , L. Marot, R. Steiner, L. Moser, G. De Temmerman, C.Porosnicu, C. Lungu, M. Oberkofler and E. Meyer	Mrs. Marwa Ben Yaala , University of Basel, Switzerland
9	Design of Lubricating Compositions Based on Nanoscale Potassium Polytitanates Modified by Transition Metals A. Gorokhovskiy, A. Azarov, V. Safonov, A. Durakov , E. Tretyachenko and A. Tsiganov	Dr. Andrey Durakov , Yuri Gagarin State Technical University of Saratov, Russia
10	Alkanolamine functionalized N, S co-doped reduced graphene oxide for high performance supercapacitor application M. Khandelwal and J.S. Chung	Dr. Mahima Khandelwal , University of Ulsan, Rep. of Korea
11	Microanalysis of Interfacial Transition Zone between Surface Modified Polymeric Fibers and Cement Matrix Z. Prošek , J. Trebal and V. Hrbek	Mr. Zdeněk Prošek , Czech Technical University in Prague, Czech Republic
12	Interaction Enhancement between Glass Micro-fiber Reinforcement with Cement and Lime-based Matrix J. Trebal and Z. Prošek	Mr. Jan Trejbal , Czech Technical University in Prague, Czech Republic
13	Nanotechnology trend analysis using Google Trend and Data Mining Method for Nanoinformatics S. Bae and S. Kang	Dr. Seoung Hun Bae , Korea Institute of Science and Technology Information, Rep. of Korea

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Posters Session II: Nanotech ME 2017 / Biotech ME 2017

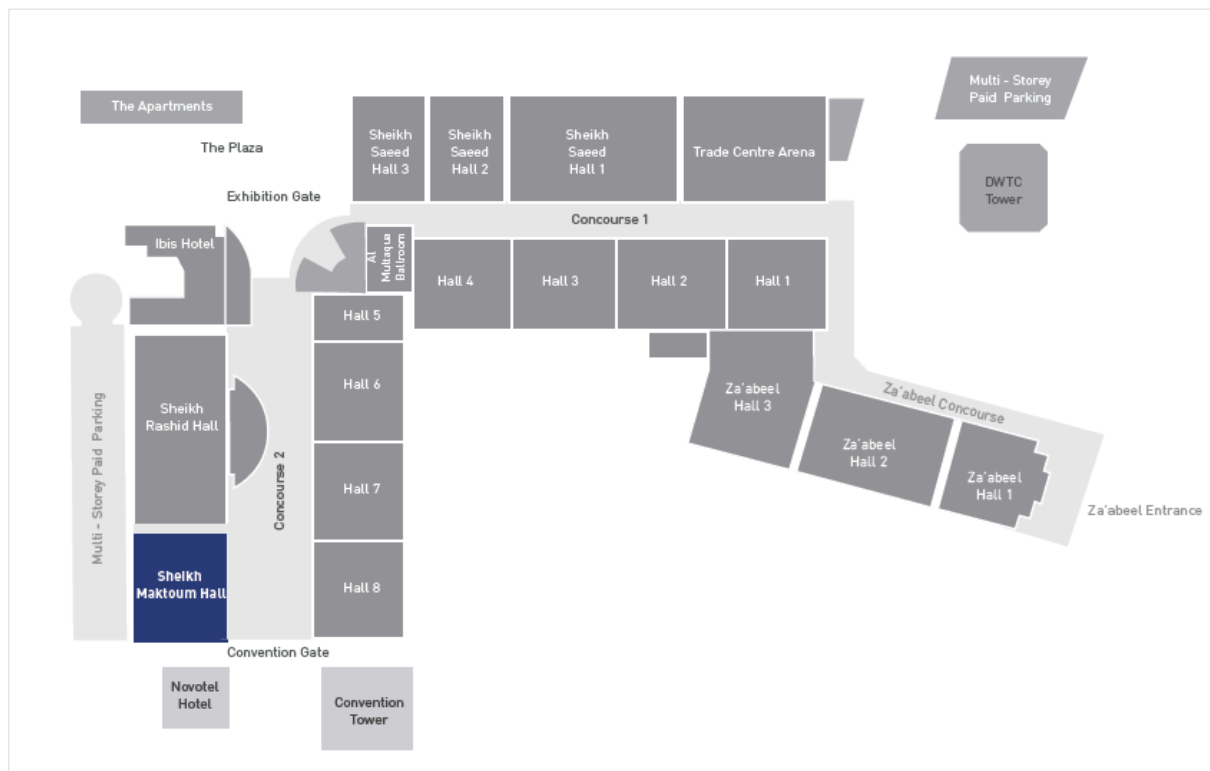
Posters / Coffee break area - Sheikh Maktoum Hall

N.	Poster Title	Author/Affiliation/Country
1	Thermo-Electrochemical Cells for Low-Grade Waste Heat Conversion I. Burmistrov , Artyukhov, A. Shindrov, N. Gorshkov and A. Gorokhovskiy	Dr. Igor Burmistrov , Yuri Gagarin State Technical University of Saratov, Russia
2	Enhanced self-cleaning performance of Ag-F-codoped TiO ₂ /SiO ₂ thin films B-M. Kim and J-S. Kim	Prof. Jung-Sik Kim , University of Seoul, Rep. of Korea
3	Photocatalytic decolourization of (2-((10-decyl-10H-phenothiazin-3-yl)methylene)malononitrile) by ZnO and TiO ₂ nanoparticles R.M. El-Shishtawya, F.A.M. Al-Zahrani , N.S. Awwd, M.S. Hamdy and A.M. Asiri	Dr. Fatimah A.M. Al-Zahrani , King Khalid University, Saudi Arabia
4	Study of visible light sensitive CeO ₂ incorporated mesoporous TiO ₂ photocatalyst S. Shamaila and A. K. Leghari Sajjad	Prof. Sajjad Shamaila , International University Islamabad, Pakistan
5	Tin Oxide Nanoparticles Deposited by MAPLE for Conductometric Gas Sensors M. Dumitru , A. Niculescu, F. Dumitrache, M.Filipescu, Ion Morjan and M. Dinescu	Dr. Marius Daniel Dumitru , National Institute for Lasers, Plasma and Radiation Physics, Romania
6	Study of the estimation of inhibitory efficiency in the pipeline corrosion prevention. Case of Hassi-Messaoud A. Belaid, H. Boutefnouchet , M. Meraissia and B. Benouis	Ms. Hafida Boutefnouchet , University Badji-Mokhtar, Algeria
7	G-quadruplex-based luminescent probe and graphene oxide biosensor for RNA virus detection J. Min , C. Baek, S. Hee Chung, H. Jin Yoo, Y. Kim and W. Nyong Lee	Prof. Junhong Min , Chung-Ang University, Rep. of Korea
8	Preparation and Characterization of Cerium Oxide Nanoparticles for Biomedical Applications E. Erdal , S. Malekghasame, O. Akbal, T. Vural, M. Demirebilek, N. Ugurlu and E.B. Denkbaz	Ms. Ebru Erdal , Aksaray University, Turkey
9	Optical Glucose Sensors Based on Imprinted Nanopatterns in Hydrogel System Y. Alqurashi and H. Butt	Mr. Yousef Alqurashi , University of Birmingham, United Kingdom
10	Silk Protein Based siRNA Nanocarriers to be used in Larynx Cancer Therapy: Cellular Interactions Studies E. Yalcin, G. Kara , E. Celik, F. Alpaslan Pinarli, G. Saylam, C. Sucularli, S. Ozturk, E. Yilmaz, O. Bayir, M.H. Korkmaz and E.B. Denkbaz	Ms. Goknur Kara , Hacettepe University, Turkey
11	Controlled protein corona orientation on the surface of nanoparticle and their influence on nanoparticle-cell interactions K. Alnahdi , D. Garry, L. Herda, E. Polo, L. Adumeau and K. Dawson	Ms. Kholoud Alnahdi , University College Dublin, Ireland
12	The role of CL-11, a recognition component of the lectin activation pathway of complement in pneumococcal infection I. Al-Karaawi , P. Andrew, N. Lynch and W. Schwaeble	Ms. Ibtihal Al-Karaawi , Leicester university, United Kingdom
13	Screening of lytic phages against multi-drug resistant uropathogenic Escherichia coli D. Sadeghi , Z. Moradpour and A. Ghasemian	Ms. Dorna Sadeghi , Urmia University of Medical Sciences, Iran
14	Quantitative force measurements using amplitude modulation force spectroscopy: Application to soft-matter T. Souier and Y. Al Habsi	Dr. Mohammed Tewfik Souier , Sultan Qaboos University, Oman
15	Magnesium Silicates Nanoporous Materials For Removal of Organic Pollutants in Water S. Al-Thabaiti and K. Narasimharao	Prof. Shaeel Al-Thabaiti , King Abdulaziz University, Saudi Arabia
16	Methylated silicon as anode material for Li-ion batteries A. Cheriet , M. Rosso, C. Henry de Villeneuve, F. Ozanam, A. Keffous and L. Louail	Dr. Abdelhak Cheriet , Research Center of semiconductors technology for Energy CRTSE, Algeria

Sheikh Maktoum Hall location

Details for She Sheikh Maktoum Hall are available under:

<http://www.dwtc.com/en/complex/Pages/Sheikh-Maktoum-Hall>



Conference Room Dubai D location

The conference room Dubai D is located above the Sheikh Maktoum Hall. Please follow the available signage on-site to locate it.

