

Nanotech Dubai 2015 Conference Program

16 March 2015

Session I: Nanomaterials Fabrication, Characterization and Tools/ Properties

Room MAJLIS II

Session chairs:

Prof. Taleb Ibrahim- UAE/ Prof. Mohammad Reza Ejtehadi - Iran

9:00-9:45	Emerging Nanotechnologies: Status Quo A. Kelarakis	Dr Antonios Kelarakis , University of Central Lancashire, United Kingdom
9:45-10:30	Synthesis and Characterization of Alkaline Earth Nano-materials for the Preservation of Cultural Heritage Artifacts K. Saoud	Prof Khaled. Saoud , Virginia Commonwealth University in Qatar, Qatar.
10:30-11:00	Coffee Break + Exhibition	
11:00-11:45	Supercritical Fluid Technology for Fabrication of Nanomaterials S. Khapli and R. Jagannathan	Prof Sachin Khapli , New York University Abu Dhabi, Abu Dhabi, United Arab Emirates
11:45-12:00	Structural characterization of materials at the nanoscale: the XRD issue P. Lecante	Dr Pierre Lecante , Centre d'Elaboration de Matériaux et d'Etudes Structurales, Toulouse, France
12:00-12:15	Diameter-controlled synthesis of SWNTs for high performance devices F.Z. Bouanis , C.S. Cojocar, V. Huc, E. Norman, M. Chaigneau, J.L. Maurice, T. Mallah and D. Pribat	Dr Fatima Zahra BOUANIS , Ecole Polytechnique/IFSTTAR, France
12:15-12:30	Synthesis and characterizations of GDC nanowires by wet chemical route for LT-SOFC V.D. Bhargavi, K.K. Tanwar , P.H. Kumar, N. Jaiswal, O. Parkash and D. Kumar	Mr Khagesh Tanwar , Indian Institute of Technology (BHU)- Varanasi, India.
12:30-14:00	Lunch Break + Exhibition	

Session I: Nanomaterials Fabrication, Characterization and Tools/ Properties

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Session chairs

Dr. Matteo Chiesa – UAE / Prof. Khaled Saoud - Qatar

14:00-14:15	Synthesis and characterization of controlled ZnO nanorods lengths I. Musa , N.Qamhie, and S. T. Mahmoud	Dr Ishaq Musa , United Arab Emirates University, Al-Ain, United Arab Emirates
14:15-14:30	Preparation of Copper Oxide Nanofluid by Sol- Gel method Quraish A. Kadhum , Kassim M. Sahan , Riyadh M. Noaman and Alaa A. Naji	Mr Kassim M. Sahan , Renewable energy director, Ministry of science and technology, Iraq
14:30-14:45	Introducing Facile Wet Etching Route In Fabricating Silicon Nanowires Using Sacrificial Nickel Nanoparticles L. Y. Kong S. Y. Chiam and W. K. Chim	Mr Lingyu Kong , National University of Singapore, Singapore
14:45-15:00	Nanoscale Hydrophilicity Studies of Gulf Parrotfish (Scarus persicus) Scales T-C. Tang, A. Plummer, C-Y. Lai and M. Chiesa	Ms Chia-Yun Lai, Masdar Institute, United Arab Emirates
15:00-15:15	High Young's Modulus, Flexible Multi-Walled Carbon Nanotube Fibers Produced by De-fluorination H. Nishizaka , Y. Sato, K. Hirano, Y. Sato, T. Yabune, K. Motomiya and K. Tohji,	Mr Hikaru Nishizaka , Tohoku University, Japan
15:15-15:30	Optical characteristics of aluminum-doped ceria nanoparticles N. Shehata , I. Kandas and K. Meehan	Dr Nader Shehata , Alexandria University, Egypt
15:30-15:45	Dye Doped Nanocrystalline SrAl ₂ O ₄ : Eu Phosphor: Synthesis, Characterization and Calculation of Kinetic Parameters D. S. Kshatri and A. Khare	Dr Ayush Khare , National Institute of Technology- Raipur, India
15:45-16:00	Omniphobic Transparent Coatings Using Ubiquitous Elements-No Use of Toxy Long Chain Perfluorinated Compounds-	Dr Atsushi Hozumi , National Institute of

	C. Urata, G. J. Dunderdale, M. W. England and A. Hozumi	Advanced Industrial Science and Technology (AIST), Japan
16:00-16:30	Coffee Break + Exhibition	
16:30-16:45	Correlation between Nanostructure and Mechanical Properties of Metals subjected to Severe Plastic Deformation W.Bochniak , A.Korbel and P.Ostachowski	Prof Wlodzimierz Bochniak , University of Science and Technology, Poland
16:45-17:00	Open Access Micro- and Nano-Fabrication Capabilities at the ACT Node of The Australian National Fabrication Facility F. Karouta , K. Vora, N. Shahid, L. Li, M. Lysevych and C. Jagadish	Dr Fouad Karouta , Australian National University, Australia

16 March 2015		
Session II: Nanomaterials Characterization and Tools/ Properties		
Room MAJLIS III		
Session chairs: Prof. Sachin Khapli – UAE / Dr. Antonios Kelarakis - United Kingdom		
14:00-14:15	New Tool for Enhancement of Depth Resolution in Second-ary Ion Mass Spectrometry Analysis M. Boulakroune and N. Dahraoui	Dr M'Hamed Boulakroune , University Kasdi Merbah of Ouargla, Algeria
14:15-14:30	Applications of 2- and 3-dimensional Analysis on Nanostructured Materials using advanced Characterization methods such as XPS, Auger and TOF-SIMS W. Betz , J. S. Hammond, D. F. Paul, D. Watson, P. E. Larson and R. E. Negri	Mr Wolfgang Betz , Physical Electronics, USA
14:30-14:45	Influence of dielectric properties of Hematite nanoparticles on color rendering of automotive painting M. Ben Achour , A. Chesnaud and A. Thorel	Ms Mona Ben Achour , MINES ParisTech/ CNRS, France
14:45-15:00	Nanocomposite nanowebs with self-cleaning property N. Kizildag and N. Ucar	Mrs Nuray Kizildag , Istanbul Technical University, Turkey
15:00-15:15	Effects of different configurations of curved-wall jet (CWJ) burner on the flame synthesis of titanium dioxide nanoparticles M. A. Ismail , M. S. Mansour, N. K. Memon and S.H. Chung	Mr Mohamed Ismail , King Abdullah University of Science and Technology (KAUST), Saudi Arabia
15:15-15:30	Metal Nanoparticle Stabilization via Block Copolymers V. Bütün , G. Kocak, D. Ülker, C. Tuncer and S. B. Baker	Prof Vural Butun , Eskisehir Osmangazi University, Turkey
15:30-15:45	Effect of Processing Parameters on the Morphology of Al ₂ O ₃ -TiO ₂ Nanocomposites for High Temperature Applications N. Singh , R.B. Mazumder, P. Gupta and D. Kumar	Ms Neera Singh , Indian Institute of Technology (BHU)- Varanasi, India
15:45-16:00	The investigation on the lubrication behavior of Magnesium-doped zinc oxide (Zn _{0.92} Mg _{0.08} O) nanoparticles in paraffin oil R. B. Rastogi , Kalyani, V. Jaiswal and D. Kumar	Prof Rashmi Bala Rastogi Indian Institute of Technology (BHU)- Varanasi, India
16:00-16:30	Coffee Break + Exhibition	
16:30-16:45	Investigating of the flammability, impact strength, and physical properties of wood flour/polypropylene composites A. Tavassoli and A. Samariha	Dr Afshin Tavasoli , Islamic Azad University, Iran
16:45-17:00	Hybrid DSC performance with rutile-phased TiO ₂ nanorods and nanoflowers fabricated through hydrothermal method M.K. Ahmad and K. Murakami	Dr Mohd Khairul Ahmad , Universiti Tun Hussein Onn Malaysia, Malaysia .

17 March 2015

Session III: Nanotech in Life Sciences and Medicine

Room MAJLIS II

Session chairs:

Dr. Matteo Chiesa / Prof. Edreese H. Alsharaeh - Saudi Arabia

09:00-9:45	Nano-mechanics of DNA in severe conditions M.R. Ejtehadi	Prof Mohammad Reza Ejtehadi , Sharif University of Technology- Tehran, Iran
09:45-10:30	Insights on the use of metallodendrimers to fight cancer and other diseases J. Rodrigues , M. Gouveia and H. Tomás	Prof João Rodrigues , Universidade da Madeira, Portugal .
10:30-11:15	Coffee Break + Poster session I + Exhibition	
11:15-11:30	Protective and trophic properties of GDNF and its modifications for cells. G. Pavlova , N. Kust, D. Panteleev, I.Mertsalov, E Rybalkina, E. Savchenko and A. Revishchin	Dr Galina Pavlova , Institute of Gene Biology, Ltd Apto-pharm, Russian Federation
11:30-11:45	Nanomodule-Activity Relationship of G-quadruplex Based DNA Aptamers for Human Thrombin A. Kopylov , E. Zavyalova, A. Golovin and G. Pavlova	Prof Alexey Kopylov , Apto-Pharm LTD , Moscow University, Russian Federation
11:45-12:00	Synthesized and characterization of bioactive enamel coatings for dental veneering porcelain modified by bioactive glass P. Hemanth Kumar , Abhinav Srivastava, Vijay Kumar, V Divya Bhargavi, Khagesh Kumar Tanwar, Pradeep Kumar and Vinay Kumar Singh	Mr Pattem Hemanth Kumar Indian Institute of Technology (BHU)- Varanasi, India
12:00-12:15	Effect of Polysacccharide Chemistry on the Solution Concentration of Nanoparticle Complexes of Polysaccharides and Antiviral Drugs S. Mazumder	Dr Sonal Mazumder , Birla Institute of Technology and Science, India
12:30-14:00	Lunch Break + Poster session I+ Exhibition	

Room MAJLIS II

Session chairs:

Prof. Taleb Ibrahim- UAE/ Prof. João Rodrigues - Portugal.

14:00-14:45	MWI Synthesis and Characterization of Highly Conductive R-(GO-(PS-PMMA))/AgNPs Nano composites and its Antibacterial Activity against E.Coli E.H. Alsharaeh	Prof Edreese H. Alsharaeh , Alfaisal University Riyadh, Saudi Arabia
14:45-15:00	The Small Wonder: Nanoparticles-Based Smart Materials for Therapy & Imaging A. Trabolsi and F. Benyettou	Prof Ali Trabolsi , New York University Abu Dhabi, United Arab Emirates
15:00-15:15	Fluorescent Carbogenic Nanoparticles M. Krysmann	Dr Marta Krysmann , University of Central Lancashire, United Kingdom
15:15-15:30	Bismuth Sulphide Nanoparticles coated with PVP as contrast agents for X-ray Computed tomography imaging (CT) and effects of different tube potentials. M. Algethami , A. Blencowe,, A. Kelong, L.Lu and M. Geso	Ms Merfat Algethami , School of Medical Science, RMIT University, Australia
15:30-15:45	Sonolytic Synthesis of Bimetallic Magnetic Nanomaterials – Effects Solution Chemistry on Reaction Kinetics G.L. Moore, D. Kumar and K.L. Roberts	Dr Kenneth L. Roberts , King Faisal University, Saudi Arabia
15:45-16:00	Effect of Solvents on the Dispersion of Graphene Nanoplatelets in Nanohydroxyapatite for Load Bearing Body Implants MM. Feven , M. Khalid, ME. Hoque and CT. Ratnam	Ms Feven Michael , University of Nottingham Malaysia Campus, Malaysia
16:00-16:30	Coffee Break + Poster session I + Exhibition	
16:30-16:45	Antifungal volatile compounds encapsulated in nanoparticles F. Gonzalez-Nilo , R. Polanco, L. Velasquez, H. Mendoza and R. Campos	Dr Fernando Gonzalez-Nilo , Universidad Andres Bello, Chile
16:45-17:00	Synthesis and characterization of hydroxyapatite based nanocomposites for structural applications A. Mishra, M.Gond , S.B.Kumar and D.Roy	Mr Manas Gond , National Institute of Foundry and

		Forge Technology.(NIFFT-Ranchi), India .
17:00-17:15	Developed and characterization of polymeric nanoparticles based on poly(3-hydroxybutyric acid-co-hydroxyvaleric acid) (PHBV) multifunctionalized with SPIONs, antineoplastic, antibiotics and their applications P. Solar, F. Gonzalez-Nilo, A. Aravena, C. Vilos, F. Morales, N. Herrera and L. Velasquez	Dr Luis Velasquez , Universidad Andres Bello, Chile
17:15-17:30	Novel Application of Well-Ordered Mesoporous Silica Nanoparticles as Potent Adsorbent of Phenobarbital F. Farjadian , P. Ahmadpour and S. Mohammadi Samani	Dr Fatemeh Farjadian , Shiraz University of Medical Science, Iran .

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Session IV: Nanotech for Energy and Environment

Room MAJLIS III

Session chairs:

Prof. Muhammad Hussain - Saudi Arabia

09:00-9:45	Carbon Nanostructures for Electricity Storage Applications B. Wei	Prof Bingqing Wei , University of Delaware, USA
09:45-10:00	Preparation of ZnO doped with CdS nanoparticles for clean, green and sustained power source as solar cell materials B. Rakesh , N. Bhagat and B. Pandey	Mr Balaji Rakesh , Symbiosis Insitute of technology-Pune, India .
10:00-10:15	The Design and Investigation of a Novel Nano Dye Sensitized Solar Cell (DSSC) with Utilizing Coating Paints on Porous Surface to Promote Energy Efficiency B. Hormozi , M. Khodayai Mafi and H. Shafie	Mr Behnoud Hormozi , Islamic Azad University-Arak, Iran
10:15-10:30	Preparation and Fabrication of Quantum Dot-Sensitized Solar Cells (QDSSC) with CdS Quantum Dots a prepared by an ultrasonic-assisted chemical bath deposition method K.M. Sahan , B.H. Jawad and M.R.M. Ali	Mr Kassim M. Sahan , Renewable energy directorate, Ministry of science and technology, Iraq
10:30-11:15	Coffee Break + Poster session I + Exhibition	
11:15-11:30	Carbon-Nano-Tube (CNT) from Carbon Rich Fly Ash: its production and expected futuristic trend A.A Alghamdi and N. Salah.	Prof Attieh A Alghamdi , King Abdulaziz University, Jeddah, Saudi Arabia
11:30-11:45	Utilization of Waste Cooking Oils for Biodiesel Production using Nanocatalysts H. El Shimi , N. Attia, S. El Sheltawy and G. El Diwani	Mr Hassan El Shimi , Cairo University, Egypt
11:45-12:00	Photocatalytic ozonation of bromide containing waste water: related problems and kinetic based strategy evaluation F.Parrino ,, G.Camera-Roda, V.Loddo, V. Augugliaro and L. Palmisano1	Dr Francesco Parrino , University of Palermo, Italy
12:00-12:15	Fabrication and characterization of ZnO nanoparticles by thermal decomposition of Zinc picolinate and Zinc citrate dihydrate I. Kontopoulou, A. Angelopoulou, S. Baskoutas and N. Bouropoulos	Prof Nikolaos Bouropoulos , University of Patras, Greece
12:30-14:00	Lunch Break + Poster session I + Exhibition	

Session V: Nano-Electronics

Room MAJLIS III

Session chairs:

Prof. Khaled Saoud, Qatar/ Prof. Bingqing Wei - USA

14:00-14:45	Wearable Interactive Electronics for Smart Living and Sustainable Future M. Hussain , J. Rojas, G. Torres Sevilla, A. Hussain and M. Ghoneim	Prof Muhammad Hussain , King Abdullah University of Science and Technology, Saudi Arabia
14:45-15:00	Design of plasmonic structures using capillary force assembly J. Cordeiro , O. Lecarme, D. Peyrade, T. Jägeler-Hoheisel, A. Cuche, C. Girard, E. Dujardin and, A. Arbouet.	Dr Julien Cordeiro , Smart Force Technologies LTM- CNRS, France
15:00-15:15	Torsional Resonators Under Mixed-frequency Excitation for Improved Bandwidth	Mr Saad Ilyas , King Abdullah University of

	S. Ilyas , A. Ramini and M.I Younis	Science and Technology, Saudi Arabia
15:15-15:30	Higher Order Modes Excitation of Micro Clamped-Clamped Beams N. Jaber , A. Ramini, A. Carreno and M.I Younis	Mr Nizar Jaber , King Abdullah University of Science and Technology, Saudi Arabia
15:30-15:45	Some Ceria Based Solid Electrolytes for IT-SOFCs O. Parkash , N. Jaiswal, S. Upadhyay and D. Kumar	Prof. Om Parkash , Indian Institute of Technology (BHU)- Varanasi, India
15:45-16:00	Preparing transperence conductive glass by using APCVD system N. Ali	Ms Nagam Ali , University of Baghdad, Iraq
16:00-16:30	Coffee Break + Poster session I + Exhibition	
16:30-16:45	Photonic metamaterials for visible light L. Y. M. A. Tobing, Z. J. Xu and D. H. Zhang	Professor Dao-Hua Zhang , Nanyang Technological University, Singapore
16:45-17:00	Oxide Ion Conduction in La ²⁺ and Sr ²⁺ Co-Doped Ceria/(Li-Na) ₂ CO ₃ Multifunctional Nanocomposite electrolyte for LT-SOFCs N. Jaiswal , S. Upadhyay, D. Kumar and O. Parkash	Ms Nandini Jaiswal , Indian Institute of Technology (BHU)- Varanasi, India
17:00-17:15	Wear Behaviour of Nano Si C- C Composite in lubrication N. El Mehad	Prof. Noura Elmehbad , Najran University, Saudi Arabia

18 March 2015 :
Poster session II / Awards Ceremony

Room MAJLIS I

Session Chairs:
Prof. Taleb Ibrahim - UAE / Prof. Khaled Saoud – Qatar
Prof Muhammad Hussain - Saudi Arabia

10:00-13:00	Closing Ceremony Cocktail + Poster session II + Exhibition	
11:00-13:00	Closing and Awards Ceremony: Poster and Oral Presentations awards	

Posters Session I
Advanced NanoMaterials
Nanomaterials Fabrication, Characterization and Tools
Nanotech in Life Sciences and Medicine

N.	Title	Author/Affiliation/Country
1	Synthesis of transition metal oxide core-shell and composite nanoparticles and their magnetic properties A. Ullrich , S. Hohenberger, A. Oezden and S. Horn	Dr Aladin Ullrich , Universität Augsburg, Germany
2	Novel Strategy to Produce Hollow Half-Nanosphere Arrays Y. Gao , Y. Hou and P. M. Beajudge	Mr Yangqin Gao , King Abdullah University of Science and Technology (KAUST), Saudi Arabia
3	Gladiator: Graphene Layers: Production, Characterization and Integration – Future of Graphene Production J. Lama , I. Gil, A. González and G. Roman	Mr Jesus Lama , Sgenia, Spain
4	Synthesis and characterization of TiO ₂ based inorganicorganic hybrid photocatalysts for enhancing the selective formation of 4-methoxybenzaldehyde from 4-methoxybenzyl alcohol A. Abd-Elal , F. Parrino, M. Pagliaro, R. Ciriminna, V. Loddo and L. Palmisano	Dr Ali Abd-Elal , Egyptian Petroleum Research Institute, Egypt
5	Ion irradiation induced porosity in Ge and Si _{1-x} Gex alloys H. Alkhaldi , F. Kremer, P. Kluth, and M.C. Ridgway	Mrs Huda Alkhaldi , The Australian National University-Canberra, Australia.
6	Nanostructured zirconia/graphene oxide hybrids: physico-chemical studies S. N. Bashel, M. Mokhtar , E. Alsharaeh, T.T. Ali, H.A. Mahmoud and K. Narasimharao	Prof Mohamed Mostafa , King Abdulaziz University, Saudi Arabia
7	Biocompatible carbon nanotube/polypeptide hybrids as the platform of biomedical applications and toxicity assessment J-H. Ciou, K-C. Yang, Y-S. Liu, P-W. Chen, S-S. Chen, C. G. Salzmann, K-C. Lee and E-C. Cho	Professor Er-Chieh Cho , Taipei Medical University, Taiwan/ Professor Kuen-Chan Lee , Kaohsiung Medical University, Taiwan
8	Gold Nanoparticle Loaded Core-CrossLinked MPEG-b-PGMA Micelles G. Kocak and V. Bütün	Mr Gökhan KOÇAK , Eskisehir Osmangazi University, Turkey
9	Synergistic effect of Doxorubicin-loaded core-shell silver/PEG nanoparticles on breast cancer cells N.M. El-Baz , L. Ziko, R. Siam and W. Mamdouh	Dr Nancy Elbaz , The American University in Cairo, Egypt
10	Structural parameters of nanocrystalline calcium phosphate using CTAB as a cationic template M. M. Méndez-González and G. Méndez G	Dr Magdalena Mendez , National Polytechnic Institute- Mexico City, Mexico.
11	Estimation of Tramadol in Earwax and Urine: A comparative Study A.M. Massadeh , N.H. Ahmed and M. Fayyad	Prof Adnan Massadeh , Jordan University of Science and Technology, Jordan.
12	Bismuth Sulphide Nanoparticles coated with PVP and DSPE-PEG as contrast agents for X-ray Computed tomography imaging (CT) M. Algethami , A. Blencowe, A. Kelong, L. Lu and M. Geso	Ms Merfat Algethami , School of Medical Science, RMIT University, Australia
13	Microencapsulation of Phenobarbital by EthylCellulose matrix S. Bouameur and S. Chirani	Ms Sarah Bouameur , University Djillali Liabes of Sidi Bel-Abbes, Algeria
14	Bioencapsulation of aminocetophen (paracetamol) in ethylcellulose matrix and study of its drug delivery from microparticles S. Chirani , S. Addadi, S. Benmahammed and S. Bouameur	Dr Chirani Soumia , University Djillali Liabes of Sidi Bel-Abbes, Algeria
15	Cytotoxicity reduction as a main challenge on gold nanorods synthesis using seedless silver-assisted method J. Valkovičová , V. Bernard, J. Drbohlavová	Jirina Valkovicova , Masaryk University, Czech Republic

Posters Session II

Nanotech for Energy and Environment Nanoelectronics

N.	Title	Author/Affiliation/Country
1	Microfabricated Pseudocapacitors Using Ni(OH) ₂ Electrodes Exhibit Remarkable Volumetric Capacitance and Energy Density Narendra Kurra, Nuha A. Alhebshi , and H. N. Alshareef	Mr Nuha Alhebshi , King Abdullah University of Science and Technology (KAUST), Saudi Arabia
2	Electrical Contacts to Organic Molecules (DNA) using Nano transfer printing technique S. Abdalla , F. M. Al-Marzouki, and A.A. Al-Ghamdi	Prof Soliman Abdalla , King Abdulaziz University Jeddah, Saudi Arabia
3	Charge-Transport Properties across Self-Assmbed Monolayers Using AgTS/SAM//Ga ₂ O ₃ /EGaIn Junctions M. H. Al-Sayah , C.M. Bowers, M. Baghbanzadeh and G.M. Whitesides	Prof Mohammad H. Al-Sayah American University of Sharjah, United Arab Emirates
4	First principles calculations of structural and optoelectronic properties of cubic perovskite CsBeF ₃ M. Harmel and Khachai	Dr Meriem HARMEL , University of Sidi Bel-Abbes, Algeria
5	Modeling of the structure GaInAsN/GaAs for solar Cells applications A.Aissat , B. Alshehri and J.P. Vilcot	Prof Abdelkader Aissat , University of Blida, Algeria
6	Nanoholes: high speed surface nanomachining for optical performance improvement A. González, I. Gil , G. Roman, J. Lama	Ms Isabel Gil , Sgenia, Spain
7	Modification of nanoclay and its application for the removal of Cadmium from water samples Sh. Elhami and M. Bakhtiari	Dr Shahla Elhami , Islamic Azad University, Khouzeestan, Iran
8	Pollution in the channel of oued righ and Dieback Palm S. Benguergoura Laradj and B. Remini	Dr Benguergoura Laradj Samia , University Saad Dahlab Blida, Algeria
9	Modeling of adsorption of two organic pollutants on activated carbon pre-pared from synthetic waste (tires) and commercial coal: Comparative Study Z. Chennouf-Abdellatif , N. Bouchenafa-Saib and F.Messaoudi	Mrs Chennouf-Abdellatif Zohra , University of Blida, Algeria
10	Mesoporous Materials Ga doped SBA-15 for Use as Support in Friedel Crafts Acylation: Activity and Stability F.Z. EL Berrichi , L. Cherif and C.Pham.Huu	Prof Fatima Zohra El Berrichi , University of 8Mai1945- Guelma, Algeria
11	Equilibrium and Kinetic adsorption atudy of anionic dye by activated clays S. Zen and F.Z. EL Berrichi	Prof Fatima Zohra El Berrichi , University of 8Mai1945- Guelma, Algeria
12	Preparation, Characterization and application of gold nanoparticles stabilized in Acid-activated montmorillonite F. Ammari , M. Chenouf and S. Sakrane	Dr Fatima Ammari , Ferhat Abbas Setif1 University, Algeria
13	Efficiency improvement of the structure InAsN/GaN for solar Cells applications M. El Bey , A.Aissat, R. Bestam and J.P. Vilcot	Mr Moussa El Bey , University of Blida, Algeria