“Organize your Events at OMICS Group Conferences”
Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.org

OMICS Group Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: materials2013@omicsonline.us
17:30-18:30  Registrations

Day 1  October 07, 2013

07:30-08:30  Registrations

Salon A

Opening Ceremony

Keynote Forum

09:00-09:05  Introduction
Isaac C. Sanchez  
University of Texas, USA

09:05-09:30  Arumugam Manthiram
University of Texas at Austin, USA

09:30-09:55  Dongyang Li
University of Alberta, Canada

10:35-11:00  Aris Christou
University of Maryland, USA

11:00-11:25  Zhifeng Ren
University of Houston, USA

11:25-11:50  Federico Rosei
University of Quebec, Canada

12:30-13:15  Lunch Break

Track 1: Materials Science and Engineering (Session 1)
Session Chair: Xiao Wang Zhou, Sandia National Laboratories, USA  
Session Co-Chair: Frederique Gadot, University of South Paris, France

11:50-12:10  Big data is the future of material science
Alex V. V. Vesenkov, Multiscale Solutions Inc., USA

12:10-12:30  Analytical bond-order potential for aluminum
Xiao Wang Zhou, Sandia National Laboratories, USA

13:15-13:35  Effect of bio field treatment on the physical and thermal characteristics of silicon, Tin and lead powders
Shrikant Patil, Trivedi foundation, USA

13:35-13:55  Metamaterials and their applications for astrophysical and medical domains
Frederique Gadot, University of South Paris, France

13:55-14:15  Atomistic simulations of initial yield mechanism in ultrafine-grained metals
Tomohito Tsuru, Japan Atomic Energy Agency, Japan

14:15-14:35  Understanding materials based on the electron work function
Dongyang Li, University of Alberta, Canada

14:35-14:55  Physical characterization and microstructure evaluation of titanium dioxide semiconductor discs processed with binders
Shahida Begum, Universiti Tenaga Nasional, Malaysia

14:55-15:15  Potential of microwave processed cordierite based glass-ceramic glazes for next generation floor tiles
Sumana Ghosh, Central Glass and Ceramic Research Institute, (CSIR), India

15:30-15:50  Mechanical behavior of pure aluminum processed by constrained groove pressing
Shantharaja M, Bangalore University, India

15:50-16:10  Evaluation of material and mechanical properties of mullite bonded porous SiC ceramics prepared by an infiltration technique and conventional powder processing routes
Ninhuma Kayal, Central Glass and Ceramic Research Institute, (CSIR), India

16:10-16:30  Characterization study of functionality graded metal ceramic composites fabricated by layer processing technique
Kumar R, M S Ramaiah Institute of Technology, India

16:30-16:50  Enhanced performance of zinc oxide arrester by simple modification in processing and design
Shahida Begum, Universiti Tenaga Nasional, Malaysia

16:50-17:00  Comparative Study of microstructure & mechanical properties of plain wire rod and TMT wire rod manufactured at Bhilai Steel Plant (BSP), India
Aparna Lohiya, Kansas State University, USA

18:10-19:10  Cocktails Sponsored by Journal of Material Sciences & Engineering @ Event Center

Coffee Break 10:20-10:35 @ Event Center

Coffee Break 10:20-10:35 @ Event Center
**Track 1: Materials Science and Engineering (Session 2)**

**Session Chair:** Anand Chokkalingam, The University of Queensland, Australia  
**Session Co-Chair:** Kholmurad Khasanov, M. V. Lomonosov Moscow State University, Russia

**Session Introduction**

**11:50-12:10**

**The effect of binder and pressure on the preparation of recycled soda lime silica glass composite bodies**  
Adele Dzikwi Garkida, Ahmadu Bello University, Nigeria

**12:10-12:30**

**Production of new conjugated polymer through maillard reaction between Durian Seed Gum (DSG) and Whey Protein Isolate (WPI)**  
Hamed Mirhosseini, University Putra Malaysia, Malaysia

**Group Photo @ Salon A**

**12:30-13:15**

**Lunch Break @ Event Center**

**13:15-13:35**

**Phenomena of interaction of external field and synthesis of new materials**  
Kholmurad Khasanov, M. V. Lomonosov Moscow State University, Russia

**13:35-13:55**

**Flow ability characteristics, functional properties and rheological properties of a natural carbohydrate-protein biopolymer**  
Bahareh Tabatabaei Amid, University Putra Malaysia, Malaysia

**13:55-14:15**

**Novel nanoporous superacids with ordered porous structure for fine chemical synthesis**  
Chokkalingam Anand, The University of Queensland, Australia

**14:15-14:35**

**Computing macroscopic mechanical properties of heterogeneous composites**  
Hyunsun Lee, Hawaii Pacific University, USA

**14:35-14:55**

**Magnetoelectric and dielectric properties of PbZr\(_{0.52}\)Ti\(_{0.48}\)O\(_{3}\)-Co\(_{0.6}\)Zn\(_{0.4}\)Mn\(_{0.3}\)Fe\(_{1.7}\)O\(_{4}\) trilayer composites**  
Arti Gupta, University of Delhi, India

**Track 3: Energy Materials**

**Session Chair:** Satish K. Nune, Pacific Northwest National Laboratory, USA  
**Session Co-Chair:** Takao Mori, National Institute for Materials Science (NIMS), Japan

**Session Introduction**

**14:55-15:15**

**Hierarchical nanoporous carbon architectures for super capacitor applications**  
Satish K. Nune, Pacific Northwest National Laboratory, USA

**15:15-15:30**

**Coffee Break @ Event Center**

**15:30-15:50**

**Developing high temperature thermoelectric materials through control of atomic and grain structure**  
Takao Mori, National Institute for Materials Science (NIMS), Japan

**15:50-16:10**

**Development and characterization of poly(arylene ether sulphone) based polymer electrolyte membranes for direct methanol fuel cell applications**  
Erde Can, Yeditepe University, Turkey

**16:10-16:30**

**Seeing small: Enabling new discoveries in energy materials through advanced transmission electron microscopy**  
Paulo J. Ferreira, University of Texas at Austin, USA

**16:30-16:50**

**A simple thermal plasma method to produce pure graphene flake structures**  
Ramon Pristavita, McGill University, Canada

**16:50-17:10**

**Beyond li-ion - A case for magnesium battery systems**  
Nikhilendra Singh, Toyota Research Institute of North America, USA

**17:10-17:20**

**Evolution of the flux combination for pelletization of high alumina iron ore fines**  
T. K. Sandeep Kumar, Lulea University of Technology, Sweden

**18:20-19:10**

**Cocktails Sponsored by Journal of Material Sciences & Engineering @ Event Center**

**Track 4: Mining and Metallurgy**

**Track 5: Surface Science and Engineering**

**Session Chair:** Raymundo Ordonez Olivares, University of Pittsburgh, USA  
**Session Co-Chair:** Viswanathan S. Saji, Korea University, Republic of Korea

**Session Introduction**

**11:50-12:10**

**Strategic metals in the United States civil war**  
Charles D. Ross, Longwood University, USA

**12:10-12:30**

**Annealing behavior of titanium bearing HSLA steel through electron back scattering diffraction**  
R. Ordonez, University of Pittsburgh, USA

**Group Photo @ Salon A**

**12:30-13:15**

**Lunch Break @ Event Center**

**13:15-13:35**

**Electrochemical reduction of Eu (III) for the recovery of Eu from rare earth materials solution using turbulent-induced cell**  
Kyeong Woo Chung, Korea Institute of Geoscience and Mineral Resources, Korea

**13:35-13:55**

**Corrosion control and nanomaterials**  
Viswanathan S. Saji, Korea University, Republic of Korea

**13:55-14:15**

**High-wavelength, low-energy photochemical surface engineering**  
Jason R. Tavares, Polytechnique Montreal, Canada

**14:15-14:35**

**Catalyst surface design by molecular imprinting of oxide-supported Ru complex catalyst for regioselective epoxidation**  
Satoshi Muratsugu, Institute for Molecular Science, Japan

**14:35-14:55**

**Creation of an environmental atlas for a quarry cluster**  
Sampath Kumar M.C, B.M.S College of Engineering, India

**14:55-15:15**

**Recovery of valuable metals from spent SCR catalysts for de-NO\(_x\) by soda roasting**  
Jin-Young Lee, Korea Institute of Geoscience & Mineral Resources, Korea

**15:15-15:30**

**Coffee Break @ Event Center**

**15:30-15:50**

**Optimization of coating parameters on coating morphology of basalt short fiber for preparation of Al/Ba salt metal matrix composites**  
S. Paul Vizhian, Bangalore University, India
### Day 2  
**October 08, 2013**

**Salon A**

#### Track 2: Nanomaterials and Nanocomposites (Session 1 A)

**Session Chair:** Kytai T. Nguyen, University of Texas at Arlington, USA  
**Session Co-Chair:** Ramesh K. Agarwal, Washington University in St. Louis, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-08:20</td>
<td>Dual-imaging enable nanoparticles for diagnosis and therapy of prostate cancer</td>
<td>Kytai T. Nguyen</td>
<td>University of Texas at Arlington, USA</td>
</tr>
<tr>
<td>08:20-08:40</td>
<td>Controlling the interfacial properties of carbon nanotubes</td>
<td>Kirk J. Ziegler</td>
<td>University of Florida, USA</td>
</tr>
<tr>
<td>08:40-08:50</td>
<td>Controlling interphase formations in polymer/nano-carbon composite fibers for improving mechanical performance</td>
<td>Ramesh K. Agarwal</td>
<td>Washington University in St. Louis, USA</td>
</tr>
<tr>
<td>08:50-09:00</td>
<td>Cutting edge developments in the analysis of protein colloids in amyloid fiber formation</td>
<td>M. L. Minus</td>
<td>Northeastern University, USA</td>
</tr>
<tr>
<td>09:00-09:10</td>
<td>Nanostructured composites for controlled drug delivery and stem cell functions</td>
<td>Jonathan R. Anson</td>
<td>Florida Institute of Technology, USA</td>
</tr>
<tr>
<td>09:10-09:30</td>
<td>Properties and fabrication of functional oxide nanoparticles for future electronic devices</td>
<td>Keiga Suzuki, Murata Manufacturing Co., Ltd.</td>
<td>Japan</td>
</tr>
<tr>
<td>09:30-09:50</td>
<td>Smart nanostructured implants for regenerative nanomedicine</td>
<td>N. Benkirane-Jessel</td>
<td>French National Institute of Health and Medical Research, France</td>
</tr>
<tr>
<td>09:50-10:10</td>
<td>Cutting edge developments in the analysis of protein colloids in amyloid fiber formation</td>
<td>Jonathan R. Anson</td>
<td>Florida Institute of Technology, USA</td>
</tr>
<tr>
<td>10:10-10:30</td>
<td>Precision manipulation, assembling, and actuation of nanoentities by electric tweezers</td>
<td>Donglei (Emma) Fan</td>
<td>The University of Texas at Austin, USA</td>
</tr>
<tr>
<td>10:30-10:50</td>
<td>Site-targeting nanotherapeutics for micro vascular normalization</td>
<td>Keustabh Ghosh</td>
<td>University of California, USA</td>
</tr>
<tr>
<td>10:50-11:10</td>
<td>Functional nanocomposites based on silicon carbide nanoparticles: Selected insights on electronic and optical features</td>
<td>Keiga Suzuki</td>
<td>Murata Manufacturing Co., Ltd., Japan</td>
</tr>
<tr>
<td>11:10-11:30</td>
<td>Characterization and application of nanoalumina prepared by different routes</td>
<td>Nelu C. D. Mohallem</td>
<td>Universidade Federal de Minas Gerais, Brazil</td>
</tr>
<tr>
<td>11:30-11:50</td>
<td>Flame retardant nanocomposites for engineering application</td>
<td>R. Suuresh</td>
<td>RV College of Engineering, India</td>
</tr>
<tr>
<td>11:50-12:10</td>
<td>Preparation and wear characterisation of zirconium nano particle reinforced with Al356.1 aluminium alloy matrix</td>
<td>Chittappa H. C</td>
<td>Bangalore University, India</td>
</tr>
<tr>
<td>12:10-12:30</td>
<td>Chiral quantum dots</td>
<td>Y. K. Gun'ko</td>
<td>Trinity College of Dublin, Ireland</td>
</tr>
<tr>
<td>12:30-12:50</td>
<td>Flame retardant nanocomposites for engineering application</td>
<td>Farid Menaa</td>
<td>Fluorotronics Inc., USA</td>
</tr>
</tbody>
</table>

**Coffee Break & Poster Presentations 10:30-11:15 @ Event Center**

### Track 2: Nanomaterials and Nanocomposites (Session 1 B)

**Session Chair:** Farid Menaa, Fluorotronics Inc., USA  
**Session Co-Chair:** Abdel Hadi Kassiba, University of Maine, France

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:20-13:40</td>
<td>Nanostructures for control of nanoscale light-matter interaction</td>
<td>Ganapathi Subramaniya</td>
<td>Sandhi National Laboratories, USA</td>
</tr>
<tr>
<td>13:40-13:55</td>
<td>Popping up graphene oxide for capacitive applications</td>
<td>Lianxi Zheng</td>
<td>Nanyang Technological University, Singapore</td>
</tr>
<tr>
<td>13:55-14:20</td>
<td>Functional nanocomposites based on silicon carbide nanoparticles: Selected insights on electronic and optical features</td>
<td>Abdel Hadi Kassiba</td>
<td>University of Maine, France</td>
</tr>
<tr>
<td>14:00-14:20</td>
<td>Characterization and application of nanoalumina prepared by different routes</td>
<td>Nelu C. D. Mohallem</td>
<td>Universidade Federal de Minas Gerais, Brazil</td>
</tr>
<tr>
<td>14:20-14:40</td>
<td>Flame retardant nanocomposites for engineering application</td>
<td>R. Suuresh</td>
<td>RV College of Engineering, India</td>
</tr>
<tr>
<td>14:40-14:55</td>
<td>Preparation and wear characterisation of zirconium nano particle reinforced with Al356.1 aluminium alloy matrix</td>
<td>Chittappa H. C</td>
<td>Bangalore University, India</td>
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<tr>
<td>14:55-15:20</td>
<td>Chiral quantum dots</td>
<td>Y. K. Gun'ko</td>
<td>Trinity College of Dublin, Ireland</td>
</tr>
<tr>
<td>15:20-15:40</td>
<td>Flame retardant nanocomposites for engineering application</td>
<td>Farid Menaa</td>
<td>Fluorotronics Inc., USA</td>
</tr>
</tbody>
</table>

**Coffee Break 16:00-16:15 @ Event Center**

#### Session Introduction

15:00-15:20  
**Thermal stability and mechanical properties of nanostructured coatings for innovative applications in the oil and gas industry**  
F. Musharavati, Qatar University, Qatar

15:20-15:40  
**Catalytic reactions on Pt nanoclusters. Size and coverage effects in CO oxidation and methanol decomposition**  
Sergey Dobrin, University of Toronto, Canada

15:40-15:55  
**Graphite reinforced polymer nanocomposites for conducting packaging applications**  
Sarat K. Swain, Veer Surendra Sai University of Technology, India

15:55-16:15  
**Biotemplated semiconductor/metal nanostructures - Their characteristic features and future prospects**  
Anil Kumar, Indian Institute of Technology Roorkee, India

16:15-16:35  
**Biotemplated semiconductor/metal nanostructures - Their characteristic features and future prospects**  
Anil Kumar, Indian Institute of Technology Roorkee, India

16:35-16:55  
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16:55-17:15  
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Sergey Dobrin, University of Toronto, Canada

17:15-17:35  
**Thermal stability and mechanical properties of nanostructured coatings for innovative applications in the oil and gas industry**  
F. Musharavati, Qatar University, Qatar

**Cocktails Sponsored by Journal of Powder Metallurgy & Mining @ Event Center**
# Track 2: Nanomaterials and Nanocomposites (Session 2)

**Session Chair:** Cengiz S. Ozkan, University of California Riverside, USA  
**Session Co-Chair:** Hai-Feng Frank Ji, Drexel University, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30-08:50</td>
<td>Nanoparticles in humans: Experiments, methods and strategies</td>
<td>Lev S. Ruzer</td>
<td>Lawrence Berkeley National Laboratory, USA</td>
</tr>
<tr>
<td>08:50-09:10</td>
<td>Needleless electrospinning of nanofiber nonwovens and highly-twisted nanofiber yarns</td>
<td>Tong Lin</td>
<td>Deakin University, Australia</td>
</tr>
<tr>
<td>09:10-09:30</td>
<td>Self assembled organic and organic-Inorganic nanopillars</td>
<td>Hai-Feng Frank Ji</td>
<td>Drexel University, USA</td>
</tr>
<tr>
<td>09:30-09:50</td>
<td>Van der Waals interaction between nanostructures</td>
<td>Jianmin Tao</td>
<td>Tulane University, USA</td>
</tr>
<tr>
<td>09:50-10:10</td>
<td>Van der Waals interaction between nanostructures</td>
<td>Jianmin Tao</td>
<td>Tulane University, USA</td>
</tr>
<tr>
<td>10:10-10:30</td>
<td>Synthesis and self-assembly of dielectric nanocubes</td>
<td>Dewei Chu</td>
<td>University of New South Wales, Australia</td>
</tr>
</tbody>
</table>

**Coffee Break & Poster Presentations 10:30-11:15 @ Event Center**

- Aerosols handbook: Measurement, dosimetry, and health effects  
  Lev S. Ruzer, Lawrence Berkeley National Laboratory, USA
- Titanium dioxide based nanostructured polycarbazole reinforced Organic-Inorganic composite material  
  Mohammad Shahir, Allgarh Muslim University, India
- Design of nanoporous cluster-assembled materials  
  Jon M. Matxin, University of the Basque Country, Spain
- Origin of huge coercivity in iron oxide ε-Fe2O3  
  Marie Yoshikiyo, The University of Tokyo, Japan
- Interface engineering of CeO₂ nanostructure based memristors  
  Adnan Younis, University of New South Wales, Australia

# Track 6: Biomaterials and Tissue Engineering

**Session Chair:** Narayan Bhattarai, North Carolina A&T State University, USA  
**Session Co-Chair:** Hongjing Dou, Shanghai Jiao Tong University, China

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:20-13:40</td>
<td>The Effect of polymer/ceramic scaffold architecture and composition on the growth of MC3T3 osteoblastic cell line</td>
<td>Amy Yousefi</td>
<td>Miami University, USA</td>
</tr>
<tr>
<td>13:40-14:00</td>
<td>Functional electrospun nanofibers for biomedical applications</td>
<td>Narayan Bhattarai</td>
<td>North Carolina A&amp;T State University, USA</td>
</tr>
<tr>
<td>14:00-14:20</td>
<td>In vitro and ex vivo toxicology of antimicrobial conjugated electrolytes: Interactions with mammalian cells</td>
<td>Heather Canavan</td>
<td>University of New Mexico, USA</td>
</tr>
<tr>
<td>14:20-14:40</td>
<td>Osteoporosis treatment of hybrid biomaterial chitosan- bioactive glass graft: Effects on bone remodeling</td>
<td>Hassane Oudadesse</td>
<td>University of Rennes1, France</td>
</tr>
<tr>
<td>14:40-15:00</td>
<td>Solid-liquid multiphase simulation of protein-surface interaction and protein adsorption on polymer surfaces</td>
<td>P. K. Biswas</td>
<td>Tougaloo College, USA</td>
</tr>
<tr>
<td>15:00-15:20</td>
<td>Revolutionizing metallic biomaterials for biodegradable implants</td>
<td>J. Sankar</td>
<td>North Carolina A&amp;T State University, USA</td>
</tr>
<tr>
<td>15:20-15:40</td>
<td>Electrochemical synthesis and evaluation of platinum-iridium-oxide thin film for biomedical applications</td>
<td>Arlin Petrossians</td>
<td>University of Southern California, USA</td>
</tr>
<tr>
<td>15:40-16:00</td>
<td>Hierarchical scaffolds produced by a hybrid solid free form fabrication/thermally-induced phase separation technique</td>
<td>Amy Yousefi</td>
<td>Miami University, USA</td>
</tr>
</tbody>
</table>

**Coffee Break 16:00-16:15 @ Event Center**

- Medical applications of amphiphilic comb type graft copolymer containing inorganic nanoparticles  
  Derya Burcu Hazer, Mugla Sitki Kocman University, Turkey
- Structured PEGs for manipulation of biological macromolecules  
  Kazushi Kinbara, Tohoku University, Japan
- Bulk compounding of PCL-PEO blends for 3D plotting of scaffolds for cardiovascular tissue engineering  
  K. Ragaert, Ghent University, Belgium
- Advancement in tissue engineering scaffold development: Rapid prototyping technology  
  Md Enamul Hoque, University of Nottingham Malaysia Campus, Malaysia
- Enhanced effect of silver nanoparticles on the bioactivity of hydroxyapatite nanocomposite  
  A. A. Mostafa, University of Rennes 1, France
- Facile preparation of multi-scaled quantum dot barcodes and their application in multiplexed hepatitis B detection | Hongjing Dou, Shanghai Jiao Tong University, China
- Reprogramming macrophages to combat cancer by engineering polymer surface properties  
  Kaitlin M. Bratlie, Iowa State University, USA

**Cocktails Sponsored by Journal of Powder Metallurgy & Mining @ Event Center**
Day 3  October 09, 2013

Salon A

Track 7: Materials Chemistry (Organic and inorganic) and Sustainable Chemistry
Track 8: Biophysics & Systems Biology

Session Chair: Shin-ichi Ohkoshi, The University of Tokyo, Japan
Session Co-Chair: Toshio Naito, Ehime University, Japan

Session Introduction
09:00-09:20  Giant vesicles prepared by nitroxide-mediated photo-controlled/ living radical polymerization-induced self-assembly
Eri Yoshida, Toyohashi University of Technology, Japan

09:20-09:40  Production of jet and diesel fuel blend stocks from dienes via catalysis
Padmaja Gunda, Pacific Northwest National Laboratory, USA

09:40-10:00  Novel functionalities on metal complex material and metal oxide-based nanomaterial
Shin-ichi Ohkoshi, The University of Tokyo, Japan

10:00-10:20  Reversible and simultaneous control of conduction and magnetism in organic materials by UV irradiation
Toshio Naito, Ehime University, Japan

10:20-10:40  Hepatic and renal toxicity of cadmium in protein malnourished rats
Syed Saleem Husain, Jazan University, KSA

Coffee Break 10:40-10:55 @ Event Center

10:55-11:15  The study of rhodium substituted ε-iron oxide nanomagnets exhibiting gigantic coercive field, high frequency millimeter wave absorption
Asuka Namai, University of Tokyo, Japan

11:15-11:35  Evaluation of effect of different solvents on the oxidation of benzyl alcohol & cyclohexanol using modified clays
N. Suma, Global Academy of Technology, India

Track 9: Optics and Laser Technology
Track 10: Advances in Instrumentation Technology
Track 11: Emerging Areas of Materials Science

Session Chair: Avin Pillay, The Petroleum Institute, UAE
Session Co-Chair: Victor Abrukov, Chuvash State University, Russia

Session Introduction
11:35-11:55  Atomic-level precise artificial atom towards material innovation
Norifusa Satoh, National Institute for Materials Science, Japan

11:55-12:15  High-speed atomic force microscopy for video imaging of functioning biological molecules
Noriyuki Kadera, Kanazawa University, Japan

12:15-12:35  Antimicrobial surfaces containing immobilized photosensitizers
Marina Nisnevitch, Ariel University, Israel

12:35-12:55  PAC Spectroscopy: A technique to characterize materials at an atomic scale
R. Dogra, Beant College of Engineering & Technology, India

Lunch Break 12:55-13:40 @ Event Center

13:40-14:00  An educational perspective on Materials Science
Souhaila F. Almutawa, Kuwait University, Kuwait

14:00-14:20  In-homogenous broadening in InP/AIGaInP quantum dot laser structures
Mohammed Saad Al-Ghamdi, King Abdulaziz University, Saudi Arabia

14:20-14:40  Geometric stabilities, electronic and magnetic properties of stable palladium adsorption on graphene-A first principle study
Md Mahmudur Rahman, Universiti Putra Malaysia, Malaysia

14:40-15:00  Novel approach for deep-UV depth-profiling studies (ICP-MS) of soft waxes and asphaltines using liquid nitrogen pre-treatment
Avin Pillay, The Petroleum Institute, UAE

15:00-15:20  A new material experiment: Data mining for modeling, data mining for presentation
Viktor Abrukov, Chuvash State University, Russia

15:20-15:40  Development of a radial basis function neural network for the recognition of common phases Present in carbon steel metallographs
Sara E. McCaslin, The University of Texas at Tyler, USA.

Coffee Break 15:40-15:55 @ Event Center

Bookmark your dates

OMICS Group
3rd International Conference and Exhibition on Materials Science & Engineering
October 06-08, 2014 San Antonio, USA
### Pharmaceutical/Chemistry

<table>
<thead>
<tr>
<th>Conference</th>
<th>Date</th>
<th>Venue</th>
<th>Location</th>
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<tbody>
<tr>
<td>2nd International Conference on Medicinal Chemistry &amp; Computer Aided Drug Designing</td>
<td>October 15-17, 2013</td>
<td>Hampton Inn Tropicana, Las Vegas, NV, USA</td>
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<tr>
<td>4th International Conference on Analytical &amp; Bioanalytical Techniques</td>
<td>October 15-17, 2013</td>
<td>Hampton Inn Tropicana, Las Vegas, NV, USA</td>
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<tr>
<td>3rd International Conference on Pharmaceutical Regulatory Affairs</td>
<td>October 21-23, 2013</td>
<td>DoubleTree by Hilton San Francisco Airport, CA, USA</td>
<td></td>
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<tr>
<td>International Conference &amp; Exhibition on Pharmacognosy, Phytochemistry &amp; Natural Products</td>
<td>October 21-23, 2013</td>
<td>Radisson Blu Plaza Hotel, Hyderabad, India</td>
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<tr>
<td>2nd International Summit on GMP, GCP &amp; Quality Control</td>
<td>November 12-14, 2013</td>
<td>DoubleTree by Hilton Chicago-North Shore, IL, USA</td>
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<tr>
<td>International Summit on Clinical Pharmacy &amp; Dispensing</td>
<td>November 18-20, 2013</td>
<td>Hilton San Antonio Airport, TX, USA</td>
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<tr>
<td>4th International Conference and Exhibition on Pharmaceutics &amp; Novel Drug Delivery Systems</td>
<td>March 24-26, 2014</td>
<td>Hilton San Antonio Airport, USA</td>
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<tr>
<td>4th International Conference on Pharmaceutical Regulatory Affairs</td>
<td>September 08-10, 2014</td>
<td>Raleigh, USA</td>
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<tr>
<td>3rd International Summit on GMP, GCP &amp; Quality Control</td>
<td>September 25-26, 2014</td>
<td>Valencia, Spain</td>
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<tr>
<td>5th World Congress on Bioavailability &amp; Bioequivalence: Pharmaceutical R&amp;D Summit</td>
<td>September 29-October 01, 2014</td>
<td>Baltimore, USA</td>
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<tr>
<td>2nd World Congress on Petrochemistry and Chemical Engineering</td>
<td>October 27-29, 2014</td>
<td>Las Vegas, USA</td>
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<tr>
<td>3rd International Conference and Exhibition on Biowaivers &amp; Biosimilars</td>
<td>October 27-29, 2014</td>
<td>Hyderabad, India</td>
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<tr>
<td>3rd International Conference and Exhibition on Pharmacovigilance &amp; Clinical Trials</td>
<td>October 27-29, 2014</td>
<td>Hyderabad, India</td>
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<tr>
<td>3rd International Conference on Medicinal Chemistry &amp; Computer Aided Drug Designing</td>
<td>November 03-05, 2014</td>
<td>Beijing, China</td>
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<tr>
<td>5th International Conference and Exhibition on Analytical &amp; Bioanalytical Techniques</td>
<td>November 03-05, 2014</td>
<td>Beijing, China</td>
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<tr>
<td>2nd International Conference and Exhibition on Pharmacognosy, Phytochemistry &amp; Natural Products</td>
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<td>Beijing, China</td>
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<tr>
<td>2nd International Summit on Clinical Pharmacy</td>
<td>December 02-03, 2014</td>
<td>San Francisco, USA</td>
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### Medical Sciences

<table>
<thead>
<tr>
<th>Conference</th>
<th>Date</th>
<th>Venue</th>
<th>Location</th>
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<tbody>
<tr>
<td>3rd World Congress on Cancer Science &amp; Therapy</td>
<td>October 21-23, 2013</td>
<td>DoubleTree by Hilton San Francisco Airport, CA, USA</td>
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<tr>
<td>2nd International Conference and Exhibition on Cell &amp; Gene Therapy</td>
<td>October 23-25, 2013</td>
<td>Holiday Inn Orlando International Airport, Orlando, FL, USA</td>
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<tr>
<td>International Conference on HIV/AIDS, STDs &amp; STIs</td>
<td>October 24-25, 2013</td>
<td>Holiday Inn Orlando International Airport, Orlando, FL, USA</td>
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<tr>
<td>2nd International Conference on Cosmetology &amp; Trichology</td>
<td>November 12-14, 2013</td>
<td>DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA</td>
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<tr>
<td>3rd World Congress on Wirology</td>
<td>November 20-22, 2013</td>
<td>Baltimore-BWI Airport, MD, USA</td>
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<tr>
<td>3rd International Conference on Cell Science &amp; Stem Cell Research</td>
<td>November 20-22, 2013</td>
<td>DoubleTree by Hilton Baltimore-BWI Airport, MD, USA</td>
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<tr>
<td>2nd International Conference and Exhibition on Obesity &amp; Weight Management</td>
<td>December 02-04, 2013</td>
<td>Hampton Inn Tropicana, Las Vegas, NV, USA</td>
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<tr>
<td>5th World Congress on Diabetes &amp; Metabolism</td>
<td>November 03-05, 2014</td>
<td>Las Vegas, USA</td>
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<td>3rd International Conference on Translational Medicine</td>
<td>November 03-05, 2014</td>
<td>Las Vegas, USA</td>
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<tr>
<td>2nd International Conference on Predictive, Preventive, Personalized Medicine &amp; Molecular Diagnostics</td>
<td>November 03-05, 2014</td>
<td>Las Vegas, USA</td>
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<tr>
<td>3rd International Conference on Surgery and Anesthesia</td>
<td>November 17-19, 2014</td>
<td>Chicago, USA</td>
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<tr>
<td>5th International Conference and Exhibition on Obesity &amp; Weight Management</td>
<td>December 01-03, 2014</td>
<td>San Francisco, USA</td>
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</table>
Omics & Management
International Conference on Functional and Comparative Genomics & Pharmacogenomics November 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA
3rd International Conference and Exhibition on Metabolomics & Systems Biology March 24-26, 2014 Hilton San Antonio Airport, USA
2nd International Conference on Business, Economics & Management April 21-23, 2014 Dubai, UAE
4th International Conference on Proteomics & Bioinformatics August 04-06, 2014 Chicago, USA
2nd International Conference on Genomics & Pharmacogenomics September 08-09, 2014 Raleigh, USA

Clinical
2nd International Conference on Clinical & Cellular Immunology October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
International Conference on Nursing & Emergency Medicine December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
4th International Conference on Clinical & Experimental Cardiology April 14-16, 2014 San Antonio, USA
4th International Conference on Clinical & Experimental Dermatology April 14-16, 2014 San Antonio, USA
5th International Conference on Biomarkers & Clinical Research April 15-17, 2014 St Hilda’s College, Cowley Place, Oxford, OX41DY, England, UK
2nd International Conference on Dental & Oral Health April 21-23, 2014 Dubai, UAE
4th International Conference on Clinical & Experimental Ophthalmology June 23-25, 2014 New Orleans, USA
2nd International Conference and Exhibition on Physical Medicine & Rehabilitation June 23-25, 2014 New Orleans, USA
3rd International Conference and Exhibition on Nutrition & Food Sciences September 23-25, 2014 Valencia, Spain
3rd International Conference on Clinical Microbiology & Microbial Genomics September 24-26, 2014 Valencia, Spain
4th International Conference on Vaccines & Vaccination September 24-26, 2014 Valencia, Spain
3rd International Conference on Clinical & Cellular Immunology September 29-October 01, 2014 Baltimore, USA
2nd International Conference on Nursing & Healthcare November 17-19, 2014 Chicago, USA.

Engineering & Applied Sciences
World Congress on Petrochemistry and Chemical Engineering November 18-20, 2013 Hilton San Antonio Airport, TX, USA
2nd International Conference on Nanotek & Expo December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
3rd International Conference and Exhibition on Biometrics & Bioinformatics June 23-25, 2014 New Orleans, USA
3rd International Conference and Exhibition on Biosensors & Bioelectronics August 11-13, 2014 San Antonio, USA

Life Sciences & Environmental
2nd International Conference and Exhibition on Probiotics & Functional Foods October 23-25, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA
2nd International Conference and Exhibition on Food Processing & Technology October 28-30, 2013 Kansas City Marriott Country Club Plaza, USA
International Conference on Fermentation Technology, Bioprocess & Cell Culture October 28-30, 2013 Kansas City Marriott Country Club Plaza, USA
International Congress on Bacteriology & Infectious Diseases November 20-22, 2013 DoubleTree by Hilton Baltimore-BWI Airport, MD, USA
2nd International Conference on Agricultural & Horticultural Sciences February 03-05, 2014 Radisson Blu Plaza Hotel, Hyderabad, India
3rd International Conference and Exhibition on Pathology April 14-16, 2014 San Antonio, USA
3rd International Conference and Exhibition on Occupational Health & Safety June 09-10, 2014 Valencia, Spain
3rd International Conference on Biodiversity & Sustainable Energy Development June 09-11, 2014, Valencia, Spain
5th World Congress on Biotechnology June 16-18, 2014 Valencia, Spain
2nd International Conference on Bioprocess and Engineering June 16-17, 2014 Valencia, Spain
3rd International Conference on Earth Science & Climate Change July 28-30, 2014 San Francisco, USA
2nd International Integrative Biology Summit August 04-05, 2014 Chicago, USA
2nd International Conference on Oceanography July 28-30, 2014 Las Vegas, USA
2nd International Conference on Epidemiology & Evolutionary Genetics August 18-19, 2014 Beijing, China
3rd International Conference and Exhibition on Probiotics & Functional Foods October 27-29, 2014 Las Vegas, USA
2nd International Congress on Bacteriology & Infectious Diseases November 17-19, 2014 Chicago, USA