



# BIT's 1<sup>st</sup> Annual International Conference Emerging Industry-2013

Theme: Open a Whole New World for Happy Tomorrow

Time: November 6-7, 2013 Venue: Shenzhen Convention & Exhibition Center, Shenzhen, China

[Home](#) [About Conference](#) [Program](#) [Participant](#) [Registration](#) [Sponsorship](#) [Media](#) [Optional Tour](#) [Contact Us](#)



## Program

### BIT's 1<sup>st</sup> Annual International Conference of Emerging Industry -2013

Theme: Open a Whole New World for Happy Tomorrow

Time: November 6-7, 2013 Venue: Shenzhen, China

#### Registration

Time: 09:00-22:00, November 5, 2013 Place: Hotel Lobby, Grand Mercure Shenzhen Oriental Ginza, Shenzhen  
08:00-17:00, November 6-7, 2013 Place: 5th Floor, SZCEC

#### Opening Ceremony (The 12th Conference on International Exchange of Professionals)

Time: 09:30-10:30, November 6, 2013 (Wednesday) Place: Hall 5, SZCEC

#### Shenzhen Forum

Time: 10:45-12:10, November 6, 2013 (Wednesday) Place: Hall 5, SZCEC

#### Panel Discussion

##### China Dream & International Talent Training

Time: 16:10-17:30, November 6, 2013 (Wednesday) Place: Hall 5, SZCEC

<b>Chair</b>	Yang Rui, CCTV, China
<b>Speaker List</b>	<b>Dr. Norbert Kroo</b> , Vice-President, Hungarian Academy of Sciences, Hungary
	<b>Dr. El-Hang Lee</b> , Distinguished Professor of Information Technology, INHA University, South Korea
	<b>Dr. Da-Wen Sun</b> , Professor of Food and Biosystems Engineering (Personal Chair), National University of Ireland - Dublin (University College Dublin), Ireland
	<b>Dr. Alexei Khokhlov</b> , Full Professor, Moscow State University (MSU), Russia
	<b>Dr. Clarence De Silva</b> , Professor, The University of British Columbia, Canada
	<b>Mr. Wang Huiyao</b> , Vice Chairman of China Western Returned Scholars Association
	<b>Mr. Henry Yin</b> , President of California China Green Technology Center (CCGTC)

#### Forum 1: Smart City and Public Infrastructure Innovations(Part I)

Time: 13:30-17:35, November 6, 2013 (Wednesday), Place: Rose Hall No.1, 5th Floor, SZCEC

<b>Chair</b>	<b>Dr. Andrew Leung</b> , Chairman, Andrew Leung International Consultants, China
<b>Co-chair</b>	<b>Mr. Greg Christenson</b> , President and Co-Owner, Christenson Developments, Canada
13:30-13:35	<b>Chair Introduction</b>
13:35-14:00	<b>Keynote Speech</b>
	<b>Title: Telemedicine for Urban Environments</b> <b>Dr. Clarence W. De Silva</b> , Professor, The University of British Columbia, Canada
14:00-14:25	<b>Title: Decision Making Technology for Smart City Infrastructure Systems</b> <b>Dr. Zhengyi Wu</b> , Director Applied Research, Bentley Systems, Incorporated, USA
	<b>Title: Smart City and Public Infrastructure Innovations</b> <b>Mr. Greg Christenson</b> , President and Co-Owner, Christenson Developments, Canada
14:25-14:50	<b>Title: The World's Leading Eco-Cities - Success Factors</b>

Appro

The Str

Hostit



State  
Fore

She  
Peo

Operat

Hum.  
Social  
Sher

SA  
Re:  
Inte

Train  
Admir  
t



Chir  
Intern



Chin:

China  
Exct

14:50-15:15	<b>Mr. Andrew KP Leung</b> , Chairman, Andrew Leung International Consultants, Hong Kong , China
15:15-15:30	<b>Coffee Break</b>
15:30-15:55	<b>Title: How to See Hd Video Solutions in the Smart City?</b> <b>Mr. James Zahn</b> , CEO, Cantronic Security, Canada
15:55-16:20	<b>Title: Water and Energy Savings through Smart Distribution Networks</b> <b>Dr. Matteo Nicolini</b> , Assistant Professor, University of Udine, Italy
16:20-16:45	<b>Title: Smart Cities: Concepts and Solutions</b> <b>Mr. Doris Oesterreicher</b> , Head of Business Unit, Austrian Institute of Technology AIT, Australia
16:45-17:10	<b>Title: Wise Distribution Automation Strategy for Integrating Green Energy in a Smart City Infrastructure</b> <b>Dr. Ratan Das</b> , Senior Principal Engineer, ABB Inc., USA
17:10-17:35	<b>Title: Keep it Simple but not Simpler than that! (How to Design Smart Buildings?)</b> <b>Mr. Tjerk Reijenga</b> , Principal-Architect, BEAR-iD Sustainable Urban Planners+Architects, China

**Forum 1: Smart City and Public Infrastructure Innovations(Part II)**  
Time: 08:30-11:45, November 7, 2013 (Thursday) Place: Room 508B, 5th Floor, SZCEC

<b>Chair</b>	<b>Dr. Gordon A McIntos</b> , Director, Aberdeen City Council, UK
<b>Co-chair</b>	<b>Dr. Li Zhang</b> , Senior Lecturer, Northumbria University, UK
08:30-08:35	<b>Chair Introduction</b>
08:35-09:00	<b>Title: Japanese Creative Cities and Tackling with Generating Smart Cities</b> <b>Dr. Kenichi Kawasaki</b> , Dean, Komazawa University, Japan
09:00-09:25	<b>Title: Smart Aberdeen 2020</b> <b>Dr. Gordon A McIntos</b> , Director, Aberdeen City Council, UK
09:25-09:50	<b>Title: Intelligent Multimodal Affect Detection for Humanoid Robots</b> <b>Dr. Li Zhang</b> , Senior Lecturer, Northumbria University, UK
09:50-10:15	<b>Title: Creative Models for Smart City</b> <b>Dr. Giovanni Perillo</b> , Professor, University of Naples Parthenope, Italy
10:15-10:30	<b>Coffee Break</b>
10:30-10:55	<b>Title: Sustainable Environments in Achieving Sustainable Economies in Poor and Rich Countries</b> <b>Dr. Andrew YT Leung</b> , Chair of Sustainable Construction, City University, Hong Kong, China
10:55-11:20	<b>Title: The Future of The City-Region: Clean, Green and Smart?</b> <b>Dr. Dushko Bogunovich</b> , Associate Professor, UNITEC Institute of Technology, New Zealand
11:20-11:45	<b>Title: Smart Cities as Platforms for World Class Innovation Ecosystems</b> <b>Dr. Antti Hautamaki</b> , Director, University of Jyvaskyla, Finland

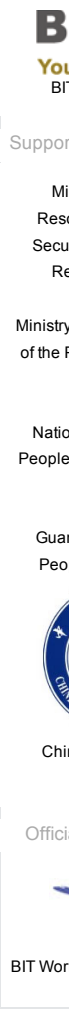
**Forum 1: Smart City and Public Infrastructure Innovations(Part III)**  
Time: 13:30-17:10 November 7, 2013 (Thursday) Place: RoseHall No.2, 5th Floor, SZCEC

<b>Chair</b>	<b>Dr. Lutz Katzschne</b> , Director, University of Kassel, Germany
<b>Co-chair</b>	<b>Dr. Qianchuan Zhao</b> , Professor, Tsinghua University, China
13:30-13:35	<b>Chair Introduction</b>
13:35-14:00	<b>Title: Wireless Sensor Network for Smart Building Applications</b> <b>Dr. Gongsheng Huang</b> , Professor, City University of Hong Kong, China
14:00-14:25	<b>Title: Using Urban Climate Studies for Energy Saving</b> <b>Dr. Lutz Katzschne</b> , Director, University of Kassel, Germany
14:25-14:50	<b>Title: SmartCities Challenges - A Distribution System Operator View Point</b> <b>Dr. Anh Vu</b> , SmartCities Program Manager, ERDF-Electricite Reseau Distribution, France
14:50-15:15	<b>Title: An Internet of Things Platform for Smart Building Applications</b> <b>Dr. Qianchuan Zhao</b> , Professor, Tsinghua University, China
15:15-15:30	<b>Coffee Break</b>
15:30-15:55	<b>Title: The Role of Advanced Sensing in Smart Cities</b> <b>Dr. Gerhard P. Hancke</b> , Professor, University of Pretoria, South Africa
15:55-16:20	<b>Title: Measures of Ensuring Energy Efficiency of Smart Buildings</b> <b>Dr. Wang Fulin</b> , Associate Professor, Tsinghua University, China
16:20-16:45	<b>Title: Aberdeen City's Drive towards A Low Carbon Economy</b> <b>Dr. Yasa Ratnayake</b> , European Executive, Aberdeen City Council, UK
16:45-17:10	<b>Title: An Inhabitant Activity Prediction System for Smart Homes for Better Care of Elderly and Disabled People</b> <b>Dr. Mamun Bin Ibne Reaz</b> , Professor, University Kebangsaan Malaysia, Malaysia

**Forum 2: Green Economy and Eco-Civilization**

Time: 08:30-10:40, November 7, 2013 (Wednesday) Place: Rose Hall No.1, 5th Floor, SZCEC

<b>Chair</b>	<b>Dr. Roger A. Williams</b> , Professor, The Ohio State University, USA
<b>Co-chair</b>	<b>Dr. Frank F. Gao</b> , Professor, Department of Natural Resources and Environmental Control in Delaware, USA
08:30-08:35	<b>Chair Introduction</b>
08:35-09:00	<b>Title: Social Resilience and Biodiversity Protection: Challenges in Protecting a Biodiversity Hotspot in a rural Area of the Developing World</b> <b>Dr. Ekra Miezán</b> , Assistant Professor, Hankuk University of Foreign Studies, South Korea
09:00-09:25	<b>Title: Production Forests in a reen Economy: Opportunities to Enhance roducts, Services and Biodiversity</b>



	<b>Dr. Roger A. Williams</b> , Associate Professor, The Ohio State University, USA
09:25-09:50	<b>Title:</b> <i>Environmental Regulation Enforcement and Its Impacts on Regulated Industries</i> <b>Dr. Frank F. Gao</b> , Professor, Department of Natural Resources and Environmental Control in Delaware, USA
09:50-10:15	<b>Title:</b> <i>Microbial Assisted Bioremediation Technology for Management of Oil Sludge</i> <b>Dr. Anil Kumar</b> , Professor Devi Ahilya University, India
10:15-10:40	<b>Title:</b> <i>Sustainable buildings in Dubai</i> <b>Dr. Rita Yi Man Li</b> , Assistant Professor, Hong Kong Shue Yan University, Hong Kong, China

<b>Forum 3: Clean Tech (Part I)</b>	
<i>Time: 13:30-16:45, November 6, 2013 (Wednesday) Place: Lotus Hall No.1, 5th Floor, SZCEC</i>	
<b>Chair</b>	<b>Dr. Elena Shembel</b> , President & CEO, Enerize Corporation, USA
<b>Co-chair</b>	<b>Dr. Mario A. Rosato</b> , CEO, Sustainable Technologies SL, Spain
13:30-13:35	<b>Chair Introduction</b>
13:35-14:00	<b>Title:</b> <i>Opportunities, Challenges, and Keys to Tapping the U.S. Clean Technology Market</i> <b>Mr. Jason S. Rodriguez</b> , CEO & Director, Zpryme Research Consulting, LLC, USA
14:00-14:25	<b>Title:</b> <i>Nano Materials for High Energy Hybrid System: Li-ion Batteries and Solar Cells. Technology, Equipment for Production, and Non-Destructive Method of the Testing</i> <b>Dr. Elena Shembel</b> , President & CEO, Enerize Corporation, USA
14:25-14:50	<b>Title:</b> <i>Dark Fermentation and Bamboo Cultivation for Sustainable Carbon Capture</i> <b>Dr. Mario A. Rosato</b> , CEO, Sustainable Technologies SL, Spain
14:50-15:15	<b>Title:</b> <i>Corporate Venture Capital in Cleantech</i> <b>Mr. Tim Lafferty</b> , Managing Director, Global Corporate Venturing, Europe
15:15-15:30	<b>Coffee Break</b>
15:30-15:55	<b>Title:</b> <i>Public Private Partnerships in Renewable Energy</i> <b>Ms. Shobana Venkataraman</b> , Principal Investment Officer, International Finance Corporation, Hong Kong, China
15:55-16:20	<b>Title:</b> <i>Organic Rankine Cycle (ORC) Power Systems for Waste Heat Recovery Power Generation</i> <b>Dr. Vijayakumar Kunche</b> , Managing Director, First ESCO India Pvt. Ltd., India
16:20-16:45	<b>Title:</b> <i>Green Technology in the Water Sector as an Emerging Industry in Malaysia</i> <b>Dr. Ngai Weng Chan</b> , Professor, University Sains Malaysia, Malaysia

<b>Forum 3: Clean Tech(Part II)</b>	
<i>Time: 08:30-10:40, November 7, 2013 (Thursday) Place: Lotus Hall No.1, 5th Floor, SZCEC</i>	
<b>Chair</b>	<b>Ms. Barbara Finamore</b> , Senior Attorney and Asia Director, Natural Resources Defense Council, China
<b>Co-chair</b>	<b>Mr. Shahid Chaudhry</b> , Program Manager, California Energy Commission, USA
08:30-08:35	<b>Chair Introduction</b>
08:35-09:00	<b>Title:</b> <i>Transportation Electrification: A road to a clean and efficient future</i> <b>Dr. Yu Yuan</b> , President & CEO, Cate Global, USA
09:00-09:25	<b>Title:</b> <i>Greening Ports in China: Challenges, Opportunities and Moving Forward</i> <b>Ms. Barbara Finamore</b> , Senior Attorney and Asia Director, Natural Resources Defense Council, USA
09:25-09:50	<b>Title:</b> <i>California's Clean Energy and Environment Future</i> <b>Mr. Shahid Chaudhry</b> , Program Manager, California Energy Commission, USA
09:50-10:15	<b>Title:</b> <i>Anthropogenic Carbon Dioxide Transportation for CCTS (Carbon Capture Transportation &amp; Storage) and</i> <b>Dr. Carlo Maria Spinelli</b> , Technical Planner, Eni S.p.A San Donato Milanese, Italy
10:15-10:40	<b>Title:</b> <i>Extraction of Biogas from Landfill Sites in Africa for Power Generation. Impact on Climate Change and Sustainable Development</i> <b>Dr. Abdelhamid Maghrebi</b> , CEO, ECA International, Tunisia

<b>Forum 4: Marine High-tech, Fishery and Smart Agriculture</b>	
<i>Time: 13:30-16:20, November 6, 2013 (Wednesday) Place: Lotus Hall No.5, 5th Floor, SZCEC</i>	
<b>Chair</b>	<b>Mr. Josh Herman</b> , Vice President of Product Strategy and Innovation, Acxiom Corporation, USA
<b>Co-chair</b>	<b>Dr. Beni Giraspy</b> , Principal Consultant, Sea Cucumber Consultancy, Australia
13:30-13:35	<b>Chair Introduction</b>
13:35-14:00	<b>Keynote Speech</b> <b>Title:</b> <i>Hyperspectral Imaging Technology: A Non-destructive and Effective Tool for Food Quality and Safety Evaluation and Control</i> <b>Dr. Da-Wen Sun</b> , Professor of Food and Biosystems Engineering (Personal Chair), National University of Ireland - Dublin (University College Dublin), Ireland
14:00-14:25	<b>Title:</b> <i>Using Cell Phones to Advance Aquaculture Development in Africa: Models and Strategies for Implementation</i> <b>Dr. Joseph J. Molnar</b> , Professor, Auburn University, USA
14:25-14:50	<b>Title:</b> <i>TBD</i> <b>Mr. Jiang Yong</b> , General Manager, BEPI International Development Consulting Firm, Australia
14:50-15:15	<b>Title:</b> <i>Tropical Sea Cucumber Aquaculture Technology – Promising Opportunity to Meet Growing Sea Cucumber Demand</i> <b>Dr. Beni Giraspy</b> , Principal Consultant, Sea Cucumber Consultancy, Australia
15:15-15:30	<b>Coffee Break</b>
15:30-15:55	<b>Title:</b> <i>Growth Performance and Hematological Parameters of Clarias Gariepinus Fingerlings Fed Varied Levels of Bitter Cola (Garcinia kola) Seed Meal</i> <b>Dr. Solomon Shola Gabriel</b> , Associate Professor, University of Agriculture Makurdi, Nigeria

15:55-16:20	<p><b>Title:</b> <i>Development of Modular Biosecure Intensive Shrimp Farm for Industrial (Large) Scale and Applying Bioflow Technology for Sustainable Production</i></p> <p><b>Dr. Nyan Taw</b>, Technical Consultant, Blue Archipelago Berhad, Malaysia</p>
-------------	--

<b>Forum 5: Translational Science</b>	
<i>Time: 13:30-16:45, November 6, 2013 (Wednesday) Place: RoseHall No.2, 5th Floor, SZCEC</i>	
<b>Chair</b>	<b>Dr. Jingfang Ju</b> , Co-Director, Translational Research Laboratory, Associate Professor, Stony Brook University School of Medicine, USA
<b>Co-chair</b>	<b>Ms. Liying Yan</b> , Founder and President, EpigenDx, Inc., USA
13:30-13:35	<b>Chair Introduction</b>
13:35-14:00	<p><b>Title:</b> <i>Bacteriophages in Medicine: The Present And The Future</i></p> <p><b>Dr. Andrzej Gorski</b>, Professor, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw, Poland</p>
14:00-14:25	<p><b>Title:</b> <i>Label-free Early Cancer Detection Using Silicon Nanophotonic Devices</i></p> <p><b>Dr. Ray T. Chen</b>, Cullen Trust for Higher Education Endowed Professor in Engineering, The University of Texas, USA</p>
14:25-14:50	<p><b>Title:</b> <i>The Prognostic and Therapeutic Potential of Micromas in Colorectal Cancer</i></p> <p><b>Dr. Jingfang Ju</b>, Co-Director, Stony Brook University, USA</p>
14:50-15:15	<p><b>Title:</b> <i>Cancer Tissue Specific Genetic and Epigenetic Markers --- Potential Personalized Cancer Care</i></p> <p><b>Ms. Liying Yan</b>, Founder and President, EpigenDx, Inc., USA</p>
15:15-15:30	<b>Coffee Break</b>
15:30-15:55	<p><b>Title:</b> <i>Advanced Therapies in Parkinson's Disease: What Future</i></p> <p><b>Dr. Pietro Marano</b>, Professor, Villa dei Gerani Clinic, Italy</p>
15:55-16:20	<p><b>Title:</b> <i>Therapeutic Potential of PAS-derived Peptides</i></p> <p><b>Dr. Kailash Chadha</b>, Associate Professor, Roswell Park Cancer Institute, USA</p>
16:20-16:45	<p><b>Title:</b> <i>Communicating University Science to the Public: A Research Field in its Infancy</i></p> <p><b>Dr. Jeff Camhi</b>, Professor, Hebrew University, Israel</p>

<b>Forum 6: New Biotech</b>	
<i>Time: 08:30-10:55, November 7, 2013 (Thursday) Place: Rose Hall No.2, 5th Floor, SZCEC</i>	
<b>Chair</b>	<b>Dr. Grace Wong</b> , CEO, ActoKine Therapeutics, USA
<b>Co-chair</b>	<b>Dr. Xue-Wen Chen</b> , Professor, Wayne State University, USA
08:30-08:35	<b>Chair Introduction</b>
08:35-09:00	<p><b>Title:</b> <i>Graphene Membrane Electronics for Biomolecule Sensing and Manipulation</i></p> <p><b>Dr. Jean-Pierre Leburton</b>, Gregory Stillman Professor of Electrical and Computer Engineering, University of Illinois at Urbana-Champaign, USA</p>
09:00-09:25	<p><b>Title:</b> <i>Integration of Emerging Biotechnologies for Improved and Affordable Healthcare for the People</i></p> <p><b>Dr. Kewal K. Jain</b>, CEO, Jain Pharma Biotech, Switzerland</p>
09:25-09:50	<p><b>Title:</b> <i>Pharma and Biotech China: Discovery of Novel Biologics for Cancer, CNS and Viral Diseases</i></p> <p><b>Dr. Grace Wong</b>, CEO, ActoKine Therapeutics, USA</p>
09:50-10:15	<p><b>Title:</b> <i>Text-based Knowledge Mining for Adverse Drug Reactions</i></p> <p><b>Dr. Xue-Wen Chen</b>, Professor, Wayne State University, USA</p>
10:15-10:40	<p><b>Title:</b> <i>Strategic Alliances in Global Biotech Pharmaceutical Industries</i></p> <p><b>Dr. Hans W. Gottinger</b>, Executive Research Director, STRATEC, Germany</p>

<b>Forum 7: New Materials(Part I)</b>	
<i>Time: 13:30-17:35, November 6, 2013 (Wednesday) Place: Lotus Hall No.3, 5th Floor, SZCEC</i>	
<b>Chair</b>	<b>Dr. Alexey Khokhlov</b> , Full Professor, Moscow State University (MSU), Russia
<b>Co-chair</b>	<b>Dr. Rongming Wang</b> , Professor, Beijing University of Aeronautics and Astronautics, China
13:30-13:35	<b>Chair Introduction</b>
13:35-14:00	<p><b>Title:</b> <i>Nanostructures and Self-Assemblies in Polymer Systems</i></p> <p><b>Dr. Alexey R. Khokhlov</b>, Full Professor, Moscow State University (MSU), Russia</p>
14:00-14:25	<p><b>Title:</b> <i>Conducting Polymers: A Saga of More Than 50 Years</i></p> <p><b>Dr. Jean-Marie Andre</b>, Honorary president, Royal Academy of Belgium, Belgium</p>
14:25-14:50	<p><b>Title:</b> <i>Advanced Industrial Environment Friendly Nanocomposites</i></p> <p><b>Dr. Oleg L. Figovsky</b>, Founder and Director R&amp;D, International Nanotechnology Research Centre "Polymate", Israel</p>
14:50-15:15	<p><b>Title:</b> <i>Novel Materials for Emerging Energy Storage and IC Technologies: PPD, a New Enabling Industrial Manufacturing Tool</i></p> <p><b>Mr. Carlo Taliani</b>, CEO, Organic Spintronics, Italy</p>
15:15-15:30	<b>Coffee Break</b>
15:30-15:55	<p><b>Title:</b> <i>Fibroblasts as a Bio-cellular Model for Studying Amino Acids Transport in Schizophrenia, Bipolar and Related CNS Disorders</i></p> <p><b>Dr. Ralph Patzold</b>, CEO, BELECTRIC OPV GmbH, Germany</p>
15:55-16:20	<b>Title:</b> <i>Electronics with Dyes</i>

15:55-16:20	<b>Dr. Asim K. Ray</b> , Professor, Electronic Materials and Devices Wolfson Centre, UK
16:20-16:45	<b>Title:</b> <i>Signal Amplification of Point-Of-Care Immunoassay Sensors through the Incorporation of Carbon Nanofibers/Microballoons</i> <b>Dr. Eyassu Woldesenbet</b> , Professor, Louisiana State University, USA
16:45-17:10	<b>Title:</b> <i>Double-weighting and Double-ranking Appraisal System for an Optimal Polymer for Creation of Innovative Lace</i> <b>Dr. Frankie Ng</b> , Associate Professor, The Hong Kong Polytechnic University, Hong Kong, China
17:10-17:35	<b>Title:</b> <i>Investigations on the Microstructure, Magnetic and Optical Properties of Advanced Nanomaterials</i> <b>Dr. Rongming Wang</b> , Professor, Beijing University of Aeronautics and Astronautics, China
<b>Forum 7: New Materials(Part II)</b>	
<i>Time: 08:30-12:10, November 7, 2013 (Thursday) Place: Lotus Hall No.3, 5th Floor, SZCEC</i>	
<b>Chair</b>	<b>Dr. Claudia Wickleder</b> , Professor, University of Siegen, Germany
<b>Co-chair</b>	<b>Dr. Irene D'Amico</b> , Reader in Condensed Matter Physics, University of York, UK
08:30-08:35	<b>Chair Introduction</b>
08:35-09:00	<b>Title:</b> <i>Materials Aspects of Plasmonics</i> <b>Dr. Kroo Norbert</b> , Professor Emeritus, Wigner Research Center of the Hungarian Academy of Sciences, Hungary
09:00-09:25	<b>Title:</b> <i>Less Material, More Energy: Novel Nanostructured Luminescent Materials</i> <b>Dr. Claudia Wickleder</b> , Professor, University of Siegen, Germany
09:25-09:50	<b>Title:</b> <i>Design of Magnetic-tunneling-junction for Tera-level Perpendicular Spin Transfer Torque Magnetic Random Access Memory</i> <b>Dr. Jea-Gun Park</b> , Professor, Hanyang University, Republic of Korea
09:50-10:15	<b>Title:</b> <i>Computational Approach of Resistive Random-Access-Memory for the Next Generation Memory Technology</i> <b>Dr. Moon Young Yang</b> , University of Tsukuba, Japan
10:15-10:30	<b>Coffee Break</b>
10:30-10:55	<b>Title:</b> <i>Nonlocal Formulation for Spin Coulomb Drag: Inhomogeneous Materials and Low Dimensional Structures</i> <b>Dr. Irene D'Amico</b> , Reader in Condensed Matter Physics, University of York, UK
10:55-11:20	<b>Title:</b> <i>Polymeric Nanoparticles for Plasmid DNA and siRNA Delivery into Cancer Cells</i> <b>Dr. Ali Dehshahri</b> , Assistant Professor, Shiraz University of Medical Sciences, Iran
11:20-11:45	<b>Title:</b> <i>White Light Electroluminescence from Graphene-Enhanced Single Polymer Comprising Two Color Emitters</i> <b>Dr. Raymond Chien-Chao Tsiang</b> , Professor, National Chung Cheng University, Taiwan
11:45-12:10	<b>Title:</b> <i>New Photoalignment and Photopattning Materials for LCD Industry</i> <b>Dr. V. G. Chigrinov</b> , Professor, The Hong Kong University of Science and Technology, Hong Kong, China

<b>Forum 8: New Energy Forum(Part I)</b>	
<i>Time: 13:30-15:15, November 6, 2013 (Wednesday) Place: Room 508B, 5th Floor, SZCEC</i>	
<b>Chair</b>	<b>Avv. Carlo Sinatra</b> , Founder and Managing Partner, Studio Legale Sinatra, Italy
<b>Co-chair</b>	<b>Mr. Bruce Hamilton</b> , Founder & CEO, Smart Grid Network Inc., USA
13:30-13:35	<b>Chair Introduction</b>
13:35-14:00	<b>Title:</b> <i>Solar Thermal Power Generation and Hybrid Configurations</i> <b>Mr. Michael J Fielden</b> , CEO, Acquasol Infrastructure Pty Ltd, Australia
14:00-14:25	<b>Title:</b> <i>The New Worldwide Trend in Pv Finance and Technology</i> <b>Mr. Carlo Sinatra</b> , Founder and Managing Partner, Sinatra Law Firm, Italy
14:25-14:50	<b>Title:</b> <i>Energy Infrastructure Investment and Enabling Policy for Smart Grid Deployment in the United States</i> <b>Mr. Bruce Hamilton</b> , Founder & CEO, Smart Grid Network Inc., USA
14:50-15:15	<b>Title:</b> <i>The Role of Photovoltaics in the Copernican Revolution of Energy: Technologies and Business Opportunities</i> <b>Dr. Massimo Mazzer</b> , Professor, CNR-IMEM, Italy
<b>Forum 8: New Energy Forum(Part II)</b>	
<i>Time: 13:30-17:10, November 7, 2013 (Thursday) Place: Rose Hall No.1, 5th Floor, SZCEC</i>	
<b>Chair</b>	<b>Mr. Herve Rannou</b> , President, Items International, France
<b>Co-chair</b>	<b>Dr. Ben Q. Li</b> , Professor and Chair, University of Michigan, USA
13:30-13:35	<b>Chair Introduction</b>
13:35-14:00	<b>Title:</b> <i>Solar Energy: Power, Profitability and Environmental Concerns for Next Decade</i> <b>Mr. Baljinder Singh</b> , President, Sunpetra Solar Energy Inc, Canada
14:00-14:25	<b>Title:</b> <i>How Smart Grids are Going to Change the Future of Smart Cities?</i> <b>Mr. Herve Rannou</b> , CEO, Items International, France
14:25-14:50	<b>Title:</b> <i>Distributed Waste to Energy Conversion</i> <b>Mr. Guus Keder</b> , Managing Director, Indra Scientific SA, Belgium
14:50-15:15	<b>Title:</b> <i>Nanotechnology for Sustainable Energy: Harvesting and Storage</i> <b>Dr. Ben Q. Li</b> , Professor and Chair, University of Michigan, USA
15:15-15:30	<b>Coffee Break</b>
15:30-15:55	<b>Title:</b> <i>Risk Awareness and Risk Mitigation to Secure the Investment in Pv-Projects</i> <b>Mr. Rene Moerman</b> , Chief Strategy Officer & Founder, Solar Insurance & Finance, The Netherlands
15:55-16:20	<b>Title:</b> <i>Quantum Energy and Sustainable Solar Technologies: Meeting the Terrawatt Challenge</i> <b>Dr. Gregory B. Raupp</b> , QESST Research Director, Arizona State University, USA

16:20-16:45	<b>Title: Advances in Redox Flow Battery Research for Storage of Renewable Energies</b> <b>Dr. Jens Noack</b> , Chemical Engineer, Fraunhofer-Institute for Chemical Technology, Germany
16:45-17:10	<b>Title: Wind Power Development an Important Source of Clean Energy</b> <b>Mr. K. C. Dhimole</b> , Resident Technical Adviser, Govt. of Arunachal Pradesh, India

#### Forum 9: Advanced Manufacturing

*Time: 08:30-12:20, November 7, 2013 (Thursday) Place: Lotus Hall No.5, 5th Floor, SZCEC*

<b>Chair</b>	<b>Dr. Seung-Bok Choi</b> , Dean of Medical Engineering School, Inha University, Korea
<b>Co-chair</b>	<b>Dr. Wei-Chang Yeh</b> , Director and Full Professor, National Tsing Hua University, China
08:30-08:35	<b>Chair Introduction</b>
08:35-09:00	<b>Title: Are NanoSatellites a Disruptive Technology (as defined by Harvard Business School Professor Clayton Christenson) or an Educational Toy?</b> <b>Dr. M. Peter Platzer</b> , CEO, NanoSatisfi, USA
09:00-09:25	<b>Title: A Modular, Autonomously Reconfigurable Robot Manipulator for Advanced Manufacturing</b> <b>Dr. M. Reza Emami</b> , Director, University of Toronto Institute for Aerospace Studies, Canada
09:25-09:50	<b>Title: Controllable Advanced Systems Using Smart Material Actuators</b> <b>Dr. Seung-Bok Choi</b> , Dean of Medical Engineering School, Inha University, Korea
09:50-10:15	<b>Title: The Effective of Different Learning Algorithms of Artificial Neural Network for Flood Forecasting at Upper Ping River, Thailand</b> <b>Dr. Tawee Chaipimonplin</b> , Lecturer, Chiang Mai University, Thailand
10:15-10:40	<b>Title: Recent Developments on Control of Nonholonomic Systems</b> <b>Dr. Krzysztof Kozłowski</b> , Professor, Poznan University of Technology, Poland
10:40-11:05	<b>Title: Collective Intelligence in Mechatronics and Robotics</b> <b>Dr. Rahmani Ahmed</b> , Professor, Ecole Centrale de Lille, France
11:05-11:30	<b>Title: Network Reliability and the Novel Deterioration-Effect Multi-state Flow Network</b> <b>Dr. Wei-Chang Yeh</b> , Professor, National Tsing Hua University, Taiwan
11:30-11:55	<b>Title: The Preparation for Effective Managing of the Change in Traditional Organizations</b> <b>Dr. Eva Kasparova</b> , Senior Lecturer, University of Economics
11:55-12:20	<b>Title: Use of Additive Manufacturing / 3D Printing in the Space Industry</b> <b>Mr. Tristan Laurent</b> , Analyst & Affiliate Asia, NewSpace Global, France

#### Forum 10: Cloud Computing

*Time: 13:30-17:20, November 6, 2013 (Wednesday) Place: Room 608A, 5th Floor, SZCEC*

<b>Chair</b>	<b>Dr. Abdel Salhi</b> , Head of the Department of Mathematical Sciences, University of Essex, UK
<b>Co-chair</b>	<b>Dr. Zhengyi Wu</b> , Director Applied Research, Bentley Systems, USA
13:30-13:35	<b>Chair Introduction</b>
13:35-14:00	<b>Title: Why is 21st Century Called the Age of Photonics?</b> <b>Dr. El-Hang Lee</b> , Professor Emeritus, INHA University, South Korea
14:00-14:25	<b>Title: The Emergence and Grand Challenges of Computing</b> <b>Dr. Matthew He</b> , Director/Full Professor, Division of Math, Science, and Technology, Nova Southeastern University, USA
14:25-14:50	<b>Title: Leveraging the Cloud for Knowledge-Based Service Innovations</b> <b>Dr. Eric Tsui</b> , Full Professor, Hong Kong Polytechnic University, Hong Kong, China
14:50-15:15	<b>Title: Cloud Computing: An Early Implementation of the Concept of Computing-on-Tap</b> <b>Dr. Abdel Salhi</b> , Head of the Department of Mathematical Sciences, University of Essex, UK
15:15-15:40	<b>Title: Transforming Business with Cloud-based Solutions</b> <b>Dr. Benjamin Zhiming Xue</b> , Solution Architect, Microsoft Corporation, USA
15:40-16:05	<b>Title: Cloud Computing as Innovation Platform</b> <b>Dr. Zhengyi Wu</b> , Director Applied Research, Bentley Systems, USA
16:05-16:30	<b>Title: Challenges from Big Data to Nonlinear Numerical Aggregations</b> <b>Dr. Zhenyuan Wang</b> , Professor, University of Nebraska at Omaha, USA
16:30-16:55	<b>Title: A Business Model for a South African Government Public Cloud Platform</b> <b>Ms. Promise Mvelase</b> , Research Scientist, CSIR Meraka Institute( Center for High Performance), South Africa
16:55-17:20	<b>Title: Subwavelength Photonics for High Integration and Biomedical Applications</b> <b>Dr. Sailing He</b> , Full Professor, Royal Institute of Technology (KTH), Sweden

#### Forum 11: Cultural Creative Industry

*Time: 13:30-17:10, November 6, 2013 (Wednesday) Place: Rose Hall No.3, 5th Floor, SZCEC*

<b>Chair</b>	<b>Dr. Minjuan Wang</b> , Distinguished Professor (Oriental Scholar), Shanghai International Studies University, China
<b>Co-chair</b>	<b>Dr. Hongyi Sun</b> , Associate Professor, City University of Hong Kong, Hong Kong, China
13:30-13:35	<b>Chair Introduction</b>
13:35-14:00	<b>Title: Trends and Challenges in American Higher Education</b> <b>Dr. Ethan Singer</b> , Vice President of Academic Affairs, San Diego State University, USA
14:00-14:25	<b>Title: Living in the Digital City: Connectivity, Wellbeing and Creativity</b> <b>Dr. Michael Keane</b> , Director, Queensland University of Technology, Australia
14:25-14:50	<b>Title: The Evolution of Learning: Online, Mobile, and MOOCs</b>

	<b>Dr. Minjuan Wang</b> , Distinguished Professor (Oriental Scholar), Shanghai International Studies University, China
14:50-15:15	<b>Title: Culture and Innovation: A PIPE Model at City University of Hong Kong</b> <b>Dr. Hongyi Sun</b> , Associate Professor, City University of Hong Kong, Hong Kong, China
15:15-15:30	<b>Coffee Break</b>
15:30-15:55	<b>Title: eigoMANGA's Best Practices For Localizing Gaming, Animation, and Comic Content For The US Market</b> <b>Mr. Austin Osueke</b> , CEO, eigoMANGA, USA
15:55-16:20	<b>Title: Nurturing Culture and Creative Industries to Support Emerging Industries</b> <b>Mr. Philippe Kern</b> , Founder and Director, KEA, Brussels
16:20-16:45	<b>Title: Programmatic Branding With Online Video Advertising</b> <b>Mr. Sven Roszbach</b> , Director, TubeMogul, Germany
16:45-17:10	<b>Title: Creative Interdisciplinary Collaboration through 'STEAM' Education Program</b> <b>Dr. Seungyon-Seny Lee</b> , Professor, SangMyung University Seoul, South Korea

<b>Overseas High-level Talents and Project Matchmaking in Emerging Industry</b>	
<i>Time: 09:00-12:00, November 7(Thursday), 2013 Place: Narcissus Hall, 6th Floor, SZCEC</i>	
<b>Chair</b>	
09:00-09:10	<b>Project Title: Nano-Engineered Filtration Media for Water Remediation</b> <b>Dr. Danny Xiao</b> , CEO, Inframat Inc., USA
09:10-09:20	<b>Project Title: Biological carbon capture by bamboo in the EU</b> <b>Mr. Mario A. Rosato</b> , CEO, Sustainable Technologies, Spain
09:20-09:30	<b>Project Title: Smart Grid Network – knowledge discovery and eCommerce portal at SmartGrid.COM</b> <b>Mr. Bruce Hamilton</b> , President, Smart Grid Network Inc., USA
09:30-09:40	<b>Project Title: Smart Grid and EV Feasibility Study and Pilot Project</b> <b>Mr. Jason S. Rodriguez</b> , CEO & Director, Zpryme Research Consulting, LLC, USA
09:40-09:50	<b>Project Title: Nanosatellite Platform for Large Ocean Vessel Tracking and Weather Forecasting</b> <b>Mr. Peter Platzer</b> , CEO, NanoSatisfi, USA
09:50-10:00	<b>Project Title: Lily Project</b> <b>Mr. Carlo Sinatra</b> , Founder and Managing Partner, Studio Legale Sinatra, Italy
10:00-10:10	<b>Project Title: Green Sustainable Urban Planning + Architecture</b> <b>Dr. Tjerk Reijenga</b> , Principal, BEAR-ID, Netherlands
10:10-10:20	<b>Project Title: ORC ( Organic Rankine Cycle) Technology for Waste Heat Recovery Power Generation</b> <b>Mr. Vijayakumar Kunchu</b> , Managing Director, First ESCO India Pvt. Ltd., India
10:20-10:30	<b>Project Title: Centralised Substation Protection and Control</b> <b>Mr. Ratan Das</b> , Senior Principal Engineer, ABB Inc, USA
10:30-10:40	<b>Project Title: Beehive location for optimum pollination</b> <b>Dr. Abdel Salhi</b> , Director, University of Essex, UK
10:40-10:50	<b>Project Title: Point of care optical monitoring systems for age-related diseases</b> <b>Dr. Asim Ray</b> , Professor, Queen Mary London University, UK
10:50-11:00	<b>Project Title: Urban Climate for Energy Saving and Thermal Aspect</b> <b>Dr. Lutz Katschne</b> , Professor, University of Kassel, Germany
11:00-11:10	<b>Project Title: Low Cost Cophase Traction Power Supply Systems for Electrified Railway Transportation Systems</b> <b>Dr. Man Chung Wong</b> , Associate Professor, University of Macau, Macau
11:10-11:20	<b>Project Title: Clean Technology Systems: Solar, etc. The Green Roadway</b> <b>Mr. Gene S. Fein</b> , CEO & Co-Founder, Genedics Clean Energy, USA
11:20-12:00	<b>Discussion</b>