SIMTech - Delta Industrial Forum 2012

New Technologies for Buildings and Industries
- Applications of Green Technology
- Energy and Resource Sustainability

<table>
<thead>
<tr>
<th>Event Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date:</strong></td>
</tr>
<tr>
<td><strong>Time:</strong></td>
</tr>
<tr>
<td><strong>Venue:</strong></td>
</tr>
</tbody>
</table>

Organised for the 3rd consecutive year, this event serves as a useful platform for 250 distinguished engineers, architects and plant owners to exchange ideas and be kept abreast of developments in the industries.

Join us in this full-day Forum, as we assemble a panel of industry professionals, relevant government agencies and academia to share their wealth of knowledge, experiences and insights.

A networking buffet lunch is included, providing participants the opportunity to connect and interact with fellow associates. There will also be a tour of SIMTech laboratories at the end of the Forum.
Programme

9.30 am – 10.00 am Registration of Guests

10.00 am – 10.20 am Welcome Address by Dr Lim Ser Yong, Executive Director, SIMTech

1st Segment: Applications of Green Technology

10.20 am – 10.50 am Green Technology as Applied in Buildings
REC Modules Pte Ltd

10.50 am – 11.20 am Green Buildings and Future Sustainability, The Singapore Way
Green Mark Department (New Development)
Technology Development Division
Building & Construction Authority, BCA

Ms Yew Wey Ling

Ms Yew has been practicing as a town planner for more than 13 years in various government agencies and key local developer. She has had a wide range of experiences through her roles in the driving the strategic and physical development of townships under her purview, both locally and overseas. Her current interest is in the development of sustainable districts and green buildings both in Singapore as well as exporting BCA’s Green Mark scheme to other like-minded developers and key stakeholders regionally.

11.20 am – 11.50 am Nano Technology for Self-Cleaning & Anti-microbial Coating and
Clear Glass Insulation Coating
Delta Intercontinental Pte Ltd

Dr Sandor Nemeth

With background in Chemistry, earned his PhD at Syracuse University, NY, USA. Served in Texaco R&D Department, Ethyl Petroleum Additives Inc. and Virginia Commonwealth University Richmond, VA, USA. For the past 15 years, Dr. Sandor held senior technical position in Singapore Productivity and Standard Board, A*STAR-SIMTech and is currently seconded to Delta Intercontinental Pte Ltd as their Chief Technology Officer.

11.50 am – 12.20 pm Carbon Footprint as a Measure and Tool for Green Building and Technologies
A*STAR-SIMTech

Dr Patrick Shi

Was conferred Bachelor and PhD in Mechanical Engineering by University of Glasgow in 2001 and 2006 respectively. Currently a Research Scientist with A*STAR-SIMTech in the area of sustainability assessment, green technologies, and energy management.
2nd Segment: Energy and Resource Sustainability

1.15 pm – 1.45 pm
ISO THERM PWR - Flameless Pressurized Oxycombustion Technology.
Energy with emissions close to zero
ITRO Ltd

Dr Gianfranco Figin
Currently the Managing Director of ITRO Ltd, received his PhD in industrial Chemistry from University of Milan in 1959 after 4 years as Assistant of Prof. G. Natta Nobel Prize. For the past 50 years, Dr Figini has held Senior Management positions in different business functions with MNCs like Exxon Chemical Europe, Montedison and EniMont. During his time as President and CEO of EniMont Americas, Dr Figini was also Vice Chairman of the First EU Chamber of Commerce in USA. Since 1994, Dr Figini was Senior Advisor to companies like Ashland Oil and Chemicals [USA], Pressindustria [Italy], CassePolimeri Srl and TITASPA.

1.45 pm – 2.15 pm
Developing the Clean Energy Industry in Singapore
(Mr Lim Chuen Ming, Head CleanTech, EDB)

2.15 pm – 2.45 pm
Savings in Manufacturing Plants: Useful Material Recovery from Waste Effluents
A*STAR-SIMTech

Dr Huang Zhaohong
With background in materials science and engineering, received his PhD from National University of Singapore. Since joining A*STAR-SIMTech in 1995, he has been engaged in surface engineering and fabrication of thin film electronic devices. His current research interest is in electrochemical processes and their industrial applications for green energy, high precision engineering and solid/liquid waste treatments

2.45 pm – 3.15 pm
Energy Monitoring for Energy-Efficient Manufacturing
A*STAR-SIMTech

Dr Ian Chan
Earned his Bachelor’s Degree in Mechanical Engineering from National University of Singapore, and obtained his Masters and PhD from Department of Aeronautics & Astronautics, Stanford University. He served as technical lead engineer developing structural monitoring solutions at Acellent Technologies, Inc in Sunnyvale California. He is currently a Research Scientist at A*STAR-SIMTech focusing in energy efficiency for manufacturing operations and equipment. His expertise includes structural monitoring, machine condition monitoring, vibration sensing, signal processing for the main purpose of equipment diagnostics and prognostics.

3.15 pm – 4.30 pm
SIMTech Laboratories Tour
# REGISTRATION

To Register, please complete the following:

<table>
<thead>
<tr>
<th>Company Name</th>
<th>____________________________________________________________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participant Name (in Full):</td>
<td>___________________________</td>
</tr>
<tr>
<td>Email:</td>
<td>___________________________</td>
</tr>
<tr>
<td>PE Registration Number (For PDU points under PEB CPD Programme):</td>
<td>___________________________</td>
</tr>
</tbody>
</table>


or via email to [yin@pjicon.com.sg](mailto:yin@pjicon.com.sg) or via fax to 6766 2322