

**LINEUP OF SPEAKERS FOR: 23<sup>rd</sup> International Conference on Production Research (23<sup>rd</sup> ICPR)  
14<sup>th</sup> Philippine Institute of Industrial Engineers (PIIE) National Congress  
7<sup>th</sup> IE Research Conference  
17<sup>th</sup> International Society for Business Innovation & Technology  
Management Roundtable**



**Plenary Speech**

**"Inclusive and Sustainable Industrialization"**  
**Fakhruddin Azizi**  
**United Nations Industrial Development Organization**

*Mr. Fakhruddin Azizi appointed as UNIDO Representative for the Philippines and assumed his duty as of 1st March 2014. He obtained his second MA in the field of Responsible Management and Sustainable Economic Development from a UN Mandated University in San Jose-Costa Rica-Central America.*

*Azizi has more than 20 years of experience in the field of humanitarian and development with different UN agencies in international organizations.*

*Before his arrival to the Philippines, Azizi worked as Head of UNIDO in Afghanistan from May 2008-February 2014. He also worked with UNDP as Assistant Country Director a.i. and Senior Program Officer (2003-2008). During this period, Azizi established a new Policy Center at the Kabul University called Center for Policy and Human (CPHD). During his service with UNDP, Azizi was a resource person for UNDP/BCPR global network.*

*He also worked with UN funded Mine Action program based in Pakistan and then moved to Afghanistan as Head of Operations and Deputy Director. As head of Operations, Azizi was responsible for management of all Mine Action and Mine Risk Education teams.*

*Before joining the United Nations, Azizi worked as Deputy/Acting Regional Director of Swedish Committee from 1993-1996 based in Pakistan and later on moved to Eastern region of Afghanistan.*

**Keynote Speech**



**Prof. Dr.-Ing. habil. Prof. e.h. mult. Dr. h. c. mult. Hans-Jörg Bullinger**

*Senator of the Fraunhofer-Gesellschaft*

*Dr. Hans-Jörg Bullinger was born in Stuttgart. He began his career working as a manufacturer for the Daimler-Benz company in Stuttgart, after which he obtained a degree at the University of Stuttgart, graduating with a Master's degree and Ph.D. in Manufacturing. After two years of lecturing at the University of Hagen, Dr. Bullinger was asked to become a full-time lecturer at the University of Stuttgart. Besides his role as chairman of the University, Dr. Bullinger was also the head of the Institute for Human Factors and Technology Management (IAT) and the Fraunhofer-Institute for Industrial Engineering (IAO). From October 2002 until October 2012 he was President of the Fraunhofer-Gesellschaft, Corporate Management and Research and alternates afterwards to the Senate of the Fraunhofer-Gesellschaft.*

*Dr. Bullinger is a member of several councils like the High-Level Group on Research, Innovation and Science Policy Experts (RISE) of the European Commission and was one of the two chairmen of the Industry-Science Research Alliance of the Federal Ministry of Education and Research (2006-2013), which has helped to implement the High-Tech Strategy for Germany. Dr. Bullinger is a Fellow of UK's Royal Academy of Engineering.*

*At present, the Fraunhofer-Gesellschaft maintains 66 institutes and research units. The majority of the 24,000 staff are qualified scientists and engineers. With its clearly defined mission of application-oriented research and its focus on key technologies of relevance to the future, the Fraunhofer-Gesellschaft plays a prominent role in the German and European innovation process.*



**Keynote Speech**

**Prof. Dr.-Ing. Wilhelm Bauer**

*Director*  
*Fraunhofer Institute for Industrial Engineering IAO*  
*Institute for Human Factors and Technology Management (IAT) at University of Stuttgart*

*Executive director of Fraunhofer Italia Research s.c.a.r.l.*

*As the Institute Director, Prof. Dr. Bauer manages a research organization with about 500 employees. He is in charge of research and implementation projects in the fields of innovation research, technology management, live and work in the future, Smarter Cities. As a*

member of various committees, he advises government and industry. As an author, he has over 270 scientific and technical publications to his name. He is an associate lecturer at the Universities of Stuttgart and Hanover. In 2012, Prof. Dr. Bauer received the honour of the State of Baden-Württemberg as "Tomorrow Makers". He also leads the Fraunhofer Initiative "City of the Future" and is a member of the "National Platform for future city" of the federal government.



**Plenary Speech**

**MARIA FE PEREZ-AGUDO**  
**President and CEO**  
**Hyundai Asia Resources, Incorporated**

Maria Fe Perez-Agudo, President and Chief Executive Officer of Hyundai Asia Resources, Incorporated (HARI), official distributor of Hyundai cars in the Philippines, a 2014 Asia Pacific Entrepreneurship (APEA) awardee in the "Outstanding" category, 2013 Go Negosyo Women Icons of Entrepreneurship Awardee, and 2011 Ernst and Young Women Entrepreneur of the Year Philippines, counts over 20 years of experience and expertise in the automotive and real estate industries with proven and verifiable year-after-year success in business growth, revenue and profit objectives within various business environments and rapidly-changing market scenarios.

Ms. Agudo's in-depth understanding of critical business drivers in the automotive, real estate and related industries; highly successful forging of relationships with key stakeholders and upper-level decision makers; mastery of critical problem areas; prompt and efficient delivery on business commitments; and proven capability to establish and develop partnerships with international investors have been key to HARI's growth.

HARI today boasts of a young and growing management team and personnel of close to 200, and a nationwide network of 42 dealerships comprised of over 2,500 employees. Under Ms. Agudo's leadership, Hyundai Motor Company cited HARI four times as AsiaPacific Distributor of the Year, in 2005, 2006, 2008, and 2013; and as Global Distributor of the Year in 2011.



**Plenary Speech**

**LEANDRO LEGARDA LEVISTE**  
**Founder at Solar Philippines**

**Founder**  
**Solar Philippines**

August 2013 – Present (2 years) Manila, Philippines

Solar Philippines is the country's largest solar energy provider. We are the country's first and only all-in-one solar financing and construction company, supplying power at below utility rates, for zero upfront. We're building the country's largest rooftop projects for companies including SM and Robinsons malls, and the country's largest ground-mounted projects in partnership with a to-be-announced publicly listed company. For more information, visit [www.solarphilippines.ph](http://www.solarphilippines.ph).

**Strategy Intern**

**Manila Electric Company**

July 2013 – August 2013 (2 months)

**Founder**

**Philippine Model Congress**

June 2012 – August 2013 (1 year 3 months) Manila, Philippines  
Founded the first youth congress hosted at the Philippine Senate. Assembled the organizing team. Handled the program and logistics for the conference attended by 500 youth leaders in 2012 and 2013.

**Secretary**

**Yale College Council**

April 2012 – February 2013 (11 months) New Haven, Connecticut  
Elected by the student body to manage council's communications and bring student concerns to university administrators. Created Yale's first encyclopedia for campus information, [www.yalewiki.org](http://www.yalewiki.org).



### Plenary Speech

**ENGR. ERIC JUDE S. SOLIMAN**  
President and CEO  
HYTEC POWER, INC.

He is an ASEAN ENGINEER, a successful businessman in engineering industry and training, licensed Mechanical Engineer by profession. He has also taken up graduate studies of Master in Business Administration at the Philippine School of Business Administration to enhance his professional & business endeavour. The CEO and President of HYTEC POWER, INC., a corporation of which he founded and established, now a 20-year old company that serves both the industry and the academe. Hytec Power, Inc. has its mission to become a by - word when it comes to supplying the best equipment in the industry & the academe. Takes pride in his company because Hytec Power, Inc., is now ranked to be in the top 8,000 Philippine Corporations as published by Philippine Business Profiles and Perspectives, Inc., for year 2012-2013, ranked 7,453. Nominated for inclusion in the 2013 International of Who's Who of Professionals.

Has established various business relationship and partnered with internationally bested equipment in the world such as but not limited to US, Japan and European brands. Has been actively donating funds for researches enhancement to schools especially to his alma mater. He has rooted himself to various post in the industry such as in the manufacturing sector where he was entrusted the Maintenance, Engineering & Technical Manager.

Today, Mr. Eric Jude S. Soliman continuously aims & contributes in endeavouring the entire Philippine industries and academe to become the best in both world – that is, the schools, having best graduates serving the best industries. With this he does by bridging the two sectors – INDUSTRY and the ACADEME - a social responsibility that he has taken for himself. With this advocacy, he envisioned a society that zero-in the unemployment problem due to strengthen partnership between the industries and the schools.

### Plenary Speech



### “Beyond the Bottomline: Ayala Group's Sustainability Strategy”

**Florendo G. Maranan**  
Ayala Group of Companies

*Mr. Florendo G. Maranan is a Senior Vice President at the Bank of the Philippine Islands. He heads the Human Resources Management Group and the Total Quality Office. As Chief Human Resources Officer, he oversees talent acquisition, training and development and rewards and recognition programs for the Bank's more than 14,000 personnel.*

*Prior to his assignment in Human Resources Management Group, he was the Chief Sustainability Officer responsible for bank wide energy efficiency and conservation, waste management and carbon footprint reduction. Mr. Maranan was also the Executive Director of the Bank of the Philippine Islands Foundation, BPI's corporate social responsibility arm with activities focusing on education, entrepreneurship, and environmental protection.*

*Mr. Maranan also led a four year project with WWF Philippines to assess the business risks related to climate change faced by the Philippines' major cities. The results of the study provide valuable inputs for the cities' planning and development officers, business groups, non-governmental organizations and other community stakeholders on how to address climate change issues.*

*Mr. Maranan has more than 25 years' experience in Human Resource management having served as Head of HR Operations, Group Relationship Management.*

*Mr. Maranan is a graduate of Adamson University with a degree in BS Industrial Engineering. He attended many international and local management development training programs at Euromoney Institute of Finance, Arthur Andersen & Co., Asian Institute of Management, BPI/Harvard Business Publishing. Mr. Maranan is a founding member of the PIIE Industrial Engineering Certification Board.*

### Plenary Speech



**MR. GENE ALFRED S. MORALES, PIE**  
**Director, Management Consulting**  
**PRICEWATERHOUSECOOPERS CONSULTING (PHILIPPINES) INC.**

He is an Executive Director of PricewaterhouseCoopers Financial Advisors (PwCFA) with over 23 years of consulting experience. He is involved in the delivery of advisory services to clients and performs business development function, as well. He leads change management and process improvement engagements both in the government and private sectors.

His areas of specialization include process streamlining and reengineering, training design, development, conduct and maintenance, organization analysis and design, job evaluation and job pricing, work measurement, productivity improvement, overall project management and product/service marketing. His industry experience covers banking and financial services, food and consumer goods, manufacturing, retail and trade services, broadcast media and entertainment, healthcare and hospital services, infrastructure and utilities, and training and education.

Gene is the local territory driver for PwC's Global Framework, manager in-charge for testing and implementation of the local firm's Business Continuity Plan; Asia region trainer for PwC's umbrella methodology called TRANSFORM.

Gene is currently spearheading the climate change & sustainability local practice and the health industry business development efforts.

### Plenary Speech



**Dr. Raymond R. Tan** is a full professor of chemical engineering, university fellow and the current Vice-Chancellor for Research and Innovation at De La Salle University, Manila, Philippines. His main areas of research are process systems engineering (PSE) and process integration (PI), both of which focus on the development of computational techniques for the design of sustainable and resilient industrial systems. Prof. Tan received his BS and MS in chemical engineering and PhD in mechanical engineering from De La Salle University, and is the author of over 160 Scopus-indexed publications (including over 120 journal articles) with an h-index of 28. His work includes some of the most highly cited papers in such journals as Process Safety and Environmental Protection (IChemE/Elsevier), Clean Technologies and Environmental

Policy (Springer) and Computers & Chemical Engineering (Elsevier). He is a member of the editorial board of Clean Technologies and Environmental Policy (Springer), and is editor of the books Recent Advances in Sustainable Process Design and Optimization (World Scientific) and Process Design Strategies for Biomass Conversion Systems (forthcoming from Wiley). He is also the recipient of multiple scientific awards from the Philippine Commission on Higher Education (CHED), the National Academy of Science and Technology (NAST) and the National Research Council of the Philippines (NRCP).

### Plenary Speech



**"Resource use in the Asia-Pacific: a region with an appetite"**

**Janet Salem**  
**United Nations Environment Programme**

**Janet Salem** is a Programme Officer at United Nations Environment Programme, Bangkok, Thailand. She coordinates policy support to developing countries in the Asia Pacific on Resource Efficiency and Sustainable Consumption and Production, through the SWITCH-Asia Regional Policy Support Component.

*In 2008 – 2012, she managed scientific assessment for policy making on Resource Efficiency/Resource Use. She also supported the Secretariat of UNEP's International Resource Panel, a science-policy interface producing scientific assessments on the sustainable use of natural resources to support policy making.*

*She also worked for UNIDO as consultant where she supported the Energy and Environment Branch in both technical project development and implementation in renewable energy and energy efficiency (large scale solar heating, and heat energy efficiency) and global forum activities, including coordination of the UNIDO contribution to the Global Energy Assessment on industrial energy efficiency, and UNIDO's chairpersonship of UN-Energy, an interagency initiative aiming to coordinate the UN's energy activities.*



### **Plenary Speech**

**Mr. Mark Goedkoop** established PRé in 1990 and pioneered the field of LCA. He is widely recognized as an international thought leader in the field of Sustainability Metrics and Methodology Development. Mark holds an MSc in Industrial Design Engineering at Delft University of Technology. This may explain his focus on the development of practical, yet scientifically sound, solutions dedicated to improving the environmental and social performance of products and services. Mark is responsible for the development of pioneering methodologies for impact assessment (Eco-indicator 95/99 and ReCiPe). He published important studies on sustainable consumption, rebounds, and product service systems methodology. He also initiated the development of the world's most widely used LCA software, SimaPro.



### **Plenary Speech**

**Dr. Kamil Erkan Kabak** received his B.S degree from the Department of Environmental Engineering, Middle East Technical University, Ankara, Turkey in 2000. Then, he received his M.S degree from the Department of Industrial Engineering, Dokuz Eylul University, Izmir, Turkey and his Ph.D. from the Department of Design and Manufacturing Technology, University of Limerick, Ireland in 2011.

During his doctoral studies, he worked as a research assistant at the Enterprise Research Centre in University of Limerick and he participated in a number of research projects on the semiconductor manufacturing. In September 2014, he joined the Industrial Engineering Department, Faculty of Engineering and Computer Sciences, Izmir University of Economics. His research interests include simulation modelling along with its applications to analysis and control methods, manufacturing systems, stochastic models and semiconductor manufacturing.



### **Plenary Speech**

**Dr. Eduardo Gomes Salgado** graduated as Production Engineer (Mechanical Engineering) from the Federal University of Itajubá (2005), obtained a Master's Degree in Production Engineering from the Federal University of Itajubá (2008) and received a Ph.D. in Mechanical Engineering from São Paulo State University (UNESP) (2011). During 2014-2015 Eduardo was a postdoctoral student at the Adam Smith Business School of the University of Glasgow. Since 2009 he is an Adjunct Professor at the Federal University of Alfenas (UNIFAL-MG), where he coordinates a programme in Biotechnology.

During the 22nd International Conference on Production Research (2013, Brazil) he received the IFPR Early Career Researchers Mentoring Award. Eduardo has published in a range of journals as the International Journal of Production Research, the IEEE America Latin Transactions, the Rapid Prototyping Journal, Production (Brazil), Product (Brazil) and the International Journal of Quality Research. His research interests cover mainly in following areas: Industrial Engineering, New Product Development, Innovation Management, Total Quality Management, Lean Manufacturing and ISO 9001.