

# Keynote Speakers

9:40 am (Tuesday, March 6) – Welcome Address



## Prof. Dr. Ir. Kadarsah Suryadi DEA

Rector  
Bandung Institute of Technology (ITB)  
Bandung, Indonesia

Prof. Kadarsah Suryadi received his Bachelor Engineering degree majoring in Industrial Engineering from Institut Teknologi Bandung (ITB) in 1986. He took Diplome D'etudes Approfondies (DEA), Master Program on Technology Innovation Management - Industrial Engineering Department-Ecole Centrale Paris, France in 1988. He then continued his study in France until got Doctoral degree from Universite d'Aix Marseille-3, in 1992. Kadarsah began his carrier as higher official of ITB in 2010 when he took the position of Director of Education Affairs, Department of Industrial Engineering in 2010. Soon after leaving position as head of department, he was appointed as Director of Education in 2011 and then further appointed as Vice Rector for Academic and Student Affair, ITB. Kadarsah Suryadi won the election of rector of ITB at the end of 2014, and then inaugurated as rector since January 2015. As an academic and scientific leader, Kadarsah Suryadi is a full professor at the Faculty of Industrial Technology. He supervised many PhD students and published many papers in journal as well as in international conferences.

His research interest is in the Decision Support System. In addition, ITB won the "Most Admired Knowledge Enterprise" (MAKE) award when he was the team leader for the manuscript preparation of such award in 2007 and 2008.

10:00 am – 10:50 am (Tuesday, March 6) – Opening Keynote



## Krishnaswami (Hari) Srihari, Ph.D.

Executive Vice Provost for International Initiatives and Chief Global Officer  
Dean and SUNY Distinguished Professor – Thomas J. Watson School of Engineering and Applied Science  
Binghamton University – State University of New York, Binghamton  
New York, USA

### *Globalization and its Impact on Engineering Education*

SUNY Distinguished Professor Hari Srihari was appointed Dean of the Thomas J. Watson School of Engineering and Applied Science at Binghamton University in June 2009. He joined the faculty of the Watson School in 1988. Prior to his appointment as Dean, Dr. Srihari served the chair of the Department of Systems Science and Industrial Engineering (SSIE). He has played a key role in the creation of university-industry partnerships as Director of the Watson Institute of Systems Excellence (WISE). Recently, Dr. Srihari was appointed as Executive Vice Provost for International Initiatives and the Chief Global Affairs Officer for Binghamton University. He is also a fellow of the Institute of Industrial and Systems Engineering.

Dr. Srihari earned his bachelor's degree with honors in production engineering from the University of Madras, India and his master's and doctorate in industrial engineering and operations research from Virginia Polytechnic Institute and State University (Virginia Tech). He has directed and graduated over 170 MS graduate students and over 40 students at the PhD level. His research team includes over 80 graduate students, and he has secured over \$ 45 million dollars in external sponsorship.

1:00 pm – 1:45 pm (Tuesday, March 6) – Lunch Keynote



## Professor Cecilia Nembou

President and Vice-Chancellor  
Divine Word University  
Papua New Guinea

### *Systems Thinking Applied in a University*

Professor Cecilia Nembou is the President and Vice Chancellor of the Divine Word University (DWU) in Papua New Guinea, and Professor of Higher Education Leadership and Management. She is based in Port Moresby and supervises the leadership and management functions of the DWU Port Moresby campus as well as the rest of DWU system across 5 campuses. She holds a BSc in Mathematics from the University of Papua Guinea (1975), MSc in Operational Research from the University of Sussex (UK, 1978) and PhD in Operations Research from the University of New South Wales (Sydney, Australia, 1992). She has held various academic and senior management positions at the University of PNG, University of Wollongong in Dubai and at the Divine Word University over a period spanning 40 years.

Professor Nembou's research interests include, systems thinking, strategic planning, leadership and management, and analytics in higher education.

Professor Nembou is a regular member of INFORMS and member of the IEOM Technical Committee. She has served on various committees and Councils of Universities as well as on Boards of State Statutory organizations, and Boards of commercial and non-government organizations in Papua New Guinea.

She is a former Head of Mathematics Department, Executive Dean of the School of Natural and Physical Sciences, Pro Vice Chancellor Planning and Development and Acting Vice Chancellor at the University of Papua New Guinea; Academic Registrar and Senior Lecturer at the University of Wollongong in Dubai, and Deputy President of the Divine Word University. She commenced her new role as President and Vice Chancellor of DWU on 20 January 2016.

#### 9:30 am – 10:15 am (Wednesday, March 7) - Morning Keynote



#### **Prof. Dr. Ir. Bermawi P. Iskandar, M.T, M.EngSc**

Vice Rector for Academic and Student Affairs

Professor in Reliability and Quality Systems, Manufacturing Systems Research Group,  
Faculty of Industrial Technology  
Bandung Institute of Technology  
Bandung, Indonesia

Prof. Dr. Bermawi P. Iskandar obtained BSc (1981) and MSc (1985) degrees in Industrial Engineering from Bandung Institute of Technology, Indonesia, and MEngSc (1989) and PhD (1993) degrees from the Department of Mechanical Engineering, the University of Queensland. He is currently a Professor at the Department of Industrial Engineering, Dean of Faculty of Industrial Technology, ITB (2014-2015), and Vice Rector for academic and student affairs, Bandung Institute of Technology, Indonesia since 2015. His research interests include Product warranties, Maintenance and reliability models, Maintenance service contract, Lease equipment contracts, Facilities layout design, Lot sizing models for a supply chain system. He has published 40 conference proceedings papers, two

book chapters and 20 papers in a number of international journals. Operations Research (USA), European Journal of Operational Research (EJOR), Asia Pacific Journal of Operational Research (APJOR), RAIRO-Operations Research (France), Reliability Engineering and Systems Safety, International Journal of Reliability, Quality and Safety Engineering, International Journal of Reliability and Application, International Journal of Mathematical and Computer Modelling, Journal of Computers and Operation Research and Journal of Quality Technology and Quantitative Management.

#### 10:15 – 11:00 am (Wednesday, March 7) – Morning Keynote



#### **Professor Dr Hui-Ming Wee**

Distinguished Professor, Department of Industrial and Systems Engineering

Chaplain, Chung Yuan Christian University (CYCU)

Former Associate Dean, College of Electrical Engineering & Computer Science,  
Chung Yuan Christian University  
Taipei, Taiwan

#### ***The Technological Singularity Movement: will the Singularity Occur around 2045***

Biography: Dr. Hui-Ming Wee is a Distinguished Professor in the Department of Industrial and Systems Engineering, former Associate Dean and Chaplain at Chung Yuan Christian University (CYCU) in Taiwan. He has received his B.S. degree (honors) from Strathclyde University (UK), M. Eng. from Asian Institute of Technology (AIT), and Ph.D. from Cleveland State University, Ohio (USA). He has received an excellent research award from the Taiwan Ministry of Science & Technology, excellent life researcher award and the Medal for Distinguished

Industrial Engineer Award. He has published more than 400 papers in refereed journals, international conferences and book chapters. His papers were cited over 3704 times (Scopus) with h-index: 34. He has co-edited seven books and holds two patents; was keynote speaker in a number of international conferences, Senior Member for Asian Council of Science Editors (ACSE), Board of Directors for International Engineering and Technology Institute (IETI) and Editor/editorial board member for a number of international journals. His research interests are in the field of production/inventory control, optimization, logistics, renewable energy, technological singularity and supply chain risk management.

#### 1:00 – 2:00 pm (Wednesday, March 7) – Lunch Keynote



#### **Professor Jose Arturo Garza-Reyes, Ph.D.**

Professor of Operations Management

Head of the Centre for Supply Chain Improvement

College of Business, Law and Social Sciences

Derby Management School

University of Derby

Derby, United Kingdom (UK)

Prof. Jose Arturo Garza-Reyes is a Professor of Operations Management and Head of the Centre for Supply Chain Improvement at the College of Business, Law and Social Sciences, University of Derby, UK. He is actively involved in industrial projects where he combines his knowledge, expertise and industrial experience in operations management to help organisations achieve excellence in their internal functions and supply chains. He has also led and managed international research projects funded by the British Academy, British Council and Mexico's National Council of Science and Technology (CONACYT). As a leading academic, he has published extensively in

leading scientific journals, including the Int. Journal of Production Research, Int. Journal of Production Economics, Journal of Cleaner Production,

Supply Chain Management: An International Journal, TQM & Business Excellence, Journal of Manufacturing Technology Management, etc., and a number of international conferences. Professor Garza-Reyes has also published four books in the areas of operations management and innovation, manufacturing performance measurement and quality management systems. He is Co-founder and current Editor of the Int. Journal of Supply Chain and Operations Resilience (Inderscience) and will lead the launch of the official IEOM's journal Int. Journal of Industrial Engineering and Operations Management as its Editor-in-Chief. Professor Garza-Reyes has also led and guest edited special issues for Production Planning & Control, Supply Chain Management: An International Journal, Int. Journal of Lean Six Sigma, Int. Journal of Lean Enterprise Research, Int. Journal of Engineering Management and Economics, and Int. Journal of Engineering and Technology Innovation. Areas of expertise and interest for Professor Garza-Reyes include general aspects of operations and manufacturing management, business excellence, quality improvement, and performance measurement. He is a Chartered Engineer (CEng), a certified Six Sigma-Green Belt, and has over eight years of industrial experience working as Production Manager, Production Engineer and Operations Manager for several international and local companies in both the UK and Mexico. He is also a fellow member of the Higher Education Academy (FHEA) and a member of the Institution of Engineering Technology (MIET).

#### 9:30 – 10:15 am (Thursday, March 8) – Morning Keynote



### Dr. Robert de Souza

Executive Director

The Logistics Institute - Asia Pacific (TLI - Asia Pacific)  
Singapore

Dr. Robert de Souza is the Executive Director of the The Logistics Institute - Asia Pacific (TLI - Asia Pacific). Robert is a Chartered Engineer and a distinguished writer, speaker, consultant and advisor in the area of supply chain management. Prior to this appointment, effective May 1st 2004, Dr Robert de Souza served as Deputy Executive Director (Industry) and IT Director at TLI - Asia Pacific. Previously, Dr de Souza was Executive Vice President (Asia Pacific) for V3 Systems. His extensive tenure in the industry also includes serving as the Corporate Senior Vice President and Global Chief Knowledge Officer at Viewlocity Inc. and co-founder, Vice Chairman and CEO of SC21 Pte. Ltd., a Singapore-based supply chain software firm. As an educator, Dr de Souza is an Adjunct Professor in the School of Industrial and Systems Engineering at Georgia Institute of Technology in Atlanta and also a Senior Fellow in the Department of Industrial and Systems Engineering at the National University of Singapore and has previously served as a professor and in several senior positions in the School of Mechanical and Production Engineering at Nanyang Technological University in Singapore. Dr. de Souza is a member of the Editorial Boards of the International Journal of Computer Integrated Manufacturing and

the International Journal of Logistics Research and Applications. Dr de Souza also serves on the Advisory Panel of The Chartered Institute of Logistics and Transport, Singapore (CILTS), as a Council Member of the Singapore eSupply Chain Management (eSCM) Council and on the Boards of Directors/Advisors of several IT- based corporations.

#### 10:15 – 11:00 am (Thursday, March 8) – Morning Keynote



### Made Dana Tangkas

Director at Toyota Motor Manufacturing Indonesia

President of IOI, Chief of Permanent Committee at Kadin, Gaikindo

President of Indonesian Automotive Institute

Mr. Tangkas is Director of Toyota Motor Manufacturing Indonesia (TMMIN), President of IOI, Chief of Permanent Committee at Kadin, Gaikindo and President of Indonesian Automotive Institute. He was a vice president/director of production engineering, and Indonesia project leader at Toyota Motor Asia Pacific. He was an advisor for TMMIN BOD. Mr. Tangkas was a director of technical, quality, production control and logistic, exim, and engineering. He was a senior general manager for purchasing division, operation management consulting division, technical directorate, and corporate planning. Mr. Tangkas was a senior general manager for Karawang Plant Operation. He was general manager of production control of PT. Toyota Motor Manufacturing Indonesia. Mr. Tangkas was division head/ general manager of production control, new model project management chief, and SIP project (ex. Kadera Ar. Indonesia) of PT. Toyota-Astra Motor. He is a trainer and instructor of Toyota Production System, practical problem solving, and assessor for manager development. Tangkas's Professional Activities:

- Chairman of Association of Indonesian Industrial Engineer and Management (ISTMI), in 2008-2015.
- As Speaker and Advisor on Domestic and International for Manufacturing System, TQM, Demand and Supply System, PM, etc.
- Chairman of IGEFI, Chairman of Pelita AI Foundation., Chief of Industry Development in GAIKINDO.
- Chairman of APJP (Asosiasi Perusahaan Jalur Prioritas) in 2012-2015.
- President of AJJIF (Jujitsu-Indonesia) in 2012-2015.
- Head of KADIN's Standing Committee for Industrial Policy and Regional Empowerment in 2012-2015.
- Chairman of AAF-TC#1 Economy in 2013-2015.
- Book Author: Building the Best Indonesia Business Way (Collaboration with ESQ, Mr. Ary Ginanjar Agustian).

Tangkas earned a Bachelor of Science degree in Industrial Engineering (1989) from the Bandung Institute of Technology, Indonesia.

#### 1:00 pm (Thursday, March 8) – Lunch Keynote



### Mr. Endang Ahmad Zakaria

President Director

PT Dharma Precision Tools

West Java Province, Indonesia

Mr. Zakaria is President Director of PT Dharma Precision Tools, Bekasi, Jawa Barat, Indonesia. He was graduated from the Department of Industrial Engineering, Bandung Institute of Technology. He started his carrier from engineering work related to the IE discipline at the company.