

Distinguished Speakers – Industry Solutions

Tuesday, April 11, 2017

Session I: Industry Solutions

8:00 – 9:30 am (Tuesday) – Room Rubix

Session Chair:

8:00 – 8:30 (Tuesday)



Dr. Sharan Shetty

Assistant Professor of Finance
Industry Coordinator & Motivational Speaker
School of Management & Business
Manipal International University
Putra Nilai, Negeri Sembilan Darul Khusus, Malaysia

8:30 – 9:00 (Tuesday)



Bob Mathur

Sr. Project Manager
Phillips 66 Refinery (Exxon)
Linden, NJ 07036, USA

Latest Tools for Project Engineering & Management in Construction Industry including, Refinery, Pharmaceutical and IT

Prof. Bob Mathur has been teaching post-graduate, Master level courses in Project Management and Project Controls at the New Jersey Institute of Technology (NJIT) as an adjunct professor for the past eight years. He teaches these classes in addition to his full-time employment as a Senior Manager at Phillips 66 Refinery in New Jersey where he is responsible for concept to execution of capital projects for the Refinery. In both the courses Prof. Mathur, therefore, integrates his vast practical experience in engineering and management experience from India, Germany, Holland, England and the USA. He also brings the students a good mix of theory of academics and practice of corporate culture. Prof. Mathur's teaching style is extensively interactive with the students where he shares with them the practical knowledge and experience he has gained in the last 39 years from various countries. He updates his syllabus continuously to ensure that the use of the latest technologies and facilities including smart phones and the associate apps; iPad etc. becomes a part of his teachings. Prof. Mathur is a Chemical Engineer with a MS from Germany. He is currently a Senior Manager for the Phillips 66 Refinery in New Jersey where he is responsible for all engineering estimates for all Capital Projects as well as Project Management and field execution for these projects. He is an active member of the AACE International (Association for the Advancement of Cost Engineering). Prof. Mathur has been the President of the NJ Chapter of this National body for three consecutive years and was the Chairman of the Education Board of the New Jersey Chapter of the AACE. He was the recipient of the Order of the Engineer Award for 1997 from Canada. Bob has been in the Strathmore Who's Who (USA) for two consecutive years in 1997-98 and 1998-99, and was selected in the American Registry of Outstanding Professionals for year 2001-02. He has also been a member of the Board of Executives (Education) of AACE International at Morgantown, West Virginia.

9:00 – 9:30 (Tuesday)



Farshid Pirahansiah

Senior Researcher
MIMOS Berhad
Deep Learning in Computer Vision, Consultant, Trainer
Technology Park, Kuala Lumpur
Malaysia

Deep Learning in Computer Vision

Farshid PirahanSiah is a senior researcher at MIMOS Berhad (Malaysia's national R&D center in ICT) in area of Computer Vision, Deep Learning, and video analysis. He holds PhD and Master's Degrees in computer science (computer vision) from National University of Malaysia (UKM). He has written numerous papers on the topic of computer vision based on his research and consultative works. He conduct several workshops in image processing, computer vision with OpenCV, and hands-on workshops in deep neural networks for computer vision.

Session II: Industry Solutions

11:30 am – 1:00 pm (Tuesday) – Room Rubix

Session Chair: Edly Ferdin Ramly, EFR Certification, Johor Bahru, Malaysia

11:30 – 12:00 (Tuesday)

**Dr. Mehran Doulat-Abadi**

Visiting Senior Research Fellow

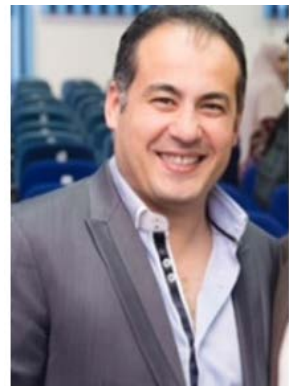
Centre for Organisational Excellence Research (COER)

Massey University, Palmerston North, New Zealand

Dr. Mehran Doulat is currently a Visiting Senior Research Fellow at Centre for Organisational Excellence Research (COER). He holds a Bachelor of Science in Engineering, double Master's Degrees in Engineering Management and Quality Management as well as a Graduate Certificate in Quantitative and Qualitative Research Design from University of Wollongong, New South Wales, Australia. Dr. Doulat has also worked as Postdoctoral Research

Fellow in the field of Innovation and Performance Excellence. Before joining academia, he worked for 17 years as a Quality Manager, Project Manager and Consultant in a number of different industries in UAE. He has been actively involved in numerous interdisciplinary research projects in collaboration with research institutions, industries and government organizations in United States, Australia, New Zealand, Japan, Singapore, Malaysia, India, and UAE. He also serves as the Editorial Board member and Associate Editor/Reviewer for several referred academic journals and international scholarly conferences. He has published numerous articles related to his area of interest. Dr. Doulat has been received several awards and honours for his research contributions including "the IEEE Outstanding Publication Award in 2012 and 2013", "the IEOM Best Paper Award in 2015", and "the UOW Outstanding Alumni Award in Research and Innovation in 2016". Dr. Doulat is a registered professional member of the Association for the Australian Organization for Quality (AOQ), the American Society for Quality (ASQ), the Union of Japanese Scientists and Engineers (JUSE). He has become a Certified European Excellence Assessor (CEEA) for Dubai Quality Award program in 2007. Dr. Doulat has also held visiting research appointments at University of Wollongong, New South Wales, Australia and Meiji University, Tokyo, Japan.

12:00 – 12:30 (Tuesday)

**Dr. Mohamed Osama Grida**

Founder & CEO

CAD/CAM/CIM

Cairo, Egypt

Mohamed Grida is an Assistant Professor in Industrial Engineering Department, Zagazig University. In addition, he is the founder and CEO of CAD/CAM/CIM and 2B Corp, which are two of the leading middle east companies in the fields of enterprises' information technology integration, CAD/CAM consultation, and technology retailing. He earned both his B.S. and Ph.D. Degrees in Industrial Engineering from Zagazig University in Egypt, while he earned a MSc. in Industrial Engineering from the American University in Cairo, Egypt. Dr. Grida was a visiting scholar at Hong Kong University of Science and Technology and a visiting professor in October University of Modern Science and Arts in Egypt. He successfully advised four Master degrees students and one Ph.D. student. His research interests include: supply chain, ocean logistics, enterprise information systems, game theory, machine learning, artificial intelligence, and human computer interaction. On the professional side, Dr. Grida attended several training courses on management, enterprise resource planning, and cloud computing by Dassault systems, Microsoft, and

Intel in USA, Singapore, Hong Kong, France, and Poland. He conducted a number of professional projects in the fields of information technology with Dassault Systems, Intel, Aramco, Lenovo, Dell, and HP.

12:30 – 1:00 (Tuesday)

**Edly Ferdin Ramly**

Certification Director

EFR Certification

Johor Bahru, Malaysia

Linkages of Context of Organization to Risk and Opportunities – Case Studies in ISO9001 certified organizations

Presently Mr. Edly is Certification Director and Lead Auditor for various certification schemes including ISO/TS16949. Apart from auditing, he is currently providing Lean, Business Excellence, Quality (ISO9001 and ISO/TS16949), Environment (ISO14001) and Safety (OHSAS18001) management system related consultancy, research and trainings to local and multi-national companies that seek operational improvement and breakthrough. His industrial experience was in the automotive industry. During his stayed with the TRW Automotive, he was tasked with the responsibility of promoting and implementing Lean and Six-Sigma within the Organization. Due to his extensive exposure in Lean and Six-Sigma Management System, he was invited by Malaysia Productivity Corporation (MPC) and Asia Productivity Organization (APO) to conduct training in the area of Lean and Six-Sigma

implementation. Mr. Edly Ramly graduated from University of Bradford, UK with Bachelor Degree in Manufacturing System with Management. He then furthered his studies at Sheffield Hallam University, UK and awarded with a Master Degree of Science in Engineering with Management.

Session III: Industry Solutions

2:30 – 4:00 pm (Tuesday) – Room 2

Session Chair:

2:30 – 3:00 (Tuesday)



Indra Gunawan, PhD, MSCE, BEng
Associate Professor in Complex Project Management
Director of Project Management Program
Entrepreneurship, Commercialisation and Innovation Centre (ECIC)
Faculty of the Professions
The University of Adelaide
Adelaide, Australia

A Complex System Approach in System Reliability Analysis

Indra Gunawan is Associate Professor in Complex Project Management and the Director of Project Management Program in the Entrepreneurship, Commercialisation and Innovation Centre at the University of Adelaide.

He received his PhD in Industrial Engineering and MSc in Construction Management from Northeastern University, USA. Prior to joining the University of Adelaide, he was a program coordinator for Maintenance and Reliability Engineering at Monash University. Previously he has also taught in the Department of Mechanical and Manufacturing Engineering at Auckland University of Technology, New Zealand and worked as the Head of Systems Engineering and Management program at Malaysia University of Science and Technology (in collaboration with the MIT, USA).

His current research interests include system reliability modelling, maintenance optimisation, project management, applications of operations research, and operations management. He is actively involved in the Asset Management Council, a technical society of Engineers Australia.

His work has appeared in many peer-reviewed journals such as International Journal of Project Management; International Journal of Production Research; Reliability Engineering and System Safety; IEEE Transactions on Industrial Informatics; International Journal of Reliability, Quality and Safety Engineering; Quality and Reliability Engineering International; International Journal of Project Organisation and Management; and International Journal of Quality and Reliability Management.

He also serves as an Editorial Board member for International Journal of Project Organisation and Management; International Journal of Information Technology Project Management; and International Journal of Performability Engineering.

3:00 – 3:30 (Tuesday)



Navpreet Singh Chandok
O2i Technologies
India

Navpreet Singh Chandok, is currently working with number of organizations including O2i Technologies, India. Also Founder of "Brotherhood Solutions" in India. I serve as Vice-Chairperson of CGC Collegiate Club since 2015. As founder of CGC Collegiate club, I served as judge panelist at various competitions. I am also working as hon. reporter of Anthak news, a weekly newspaper in Punjab. I had undertaken many projects during his graduation. I am indulge in delivering various seminars & workshops to mechanical engineering students on various project work, automobile overhauling, automobile CAD designs & analysis. Also mentoring number of research scholars in India. Also, deals in mentoring & Freelancing teachers for their technical industrial knowledge in robotics, 3D printing, Cad designs & in Product development. Recently, served in keynote speaker team at 3D printing conference at New Delhi, India.

3:30 – 4:00 (Tuesday)



Dr. Murphy Choy
Director of Operations and Technology
SSON Analytics
Singapore
Certified Advanced Programmer for SAS V9
Certified Basic Programmer for SAS V9
DataShaping Certified SAS Professional

Dr. Murphy Choy, Director of Technology and Operations. Doctorate in Professional Studies (PW), Business Analytics, Middlesex University, London; M.Sc in Finance, University College Dublin & B.Sc. Statistics, National University Singapore.

Dr. Murphy is an experienced analytics specialist with extensive experience in risk analytics, marketing analytics, social media and Big Data analytics. He has extensive experience in developing new techniques and models to achieve business objectives in real world application. He is also passionate about lifelong learning and is an active contributor to several international publications.

Session IV: Industry Solutions

4:30 – 6:00 pm (Tuesday) – Room Rubix
Session Chair:

4:30 – 5:00 (Tuesday)



Md Kawsar Ali
Chief Operating Officer
Comfit Composite Knit LTD
Dhaka, Bangladesh

Md. Kawsar Ali is a well-known expert and mentor in the garment industries of Bangladesh. He has twenty one years of professional experiences in RMG sector. He has worked in different capacities in leading companies like Beximco, Square, Orion and DBL. He has got strong communication, interpersonal relations, mentoring, negotiation and cross-cultural organizational skills, and has demonstrated such over the years with utmost productivity and reputation. He is also expert in Total Quality Management, Lean manufacturing, Kaizen, Leadership and self-development courses like Meditation and Yoga. Mr. Kawsar has completed his graduation from Khulna University of Engineering and Technology (KUET) also obtained an MBA degree from Dhaka University. He has participated in many workshops, seminars and training sessions in Bangladesh and abroad.

5:30 – 6:00 (Tuesday)



Innah Dominique J. Puertollano, CIE, CLSSBB
Project Manager
AXA Philippines

As a Project Manager, Innah is responsible for leading and managing cross-functional teams engaged in doing strategic initiative projects, business process reengineering, Lean Six Sigma studies, and other work improvement studies.

She obtained her Lean Six Sigma Black Belt Certification at a young age of 23. In 2014, she placed 5th in the Industrial Engineering Certification Exam organized by the Industrial Engineering Certification Board of the Philippines.

She holds a degree in Bachelor of Science in Industrial Engineering in Mapua Institute of Technology.

5:30 – 6:00 (Tuesday)



Farrah "Nix" A. Juban
Process Engineering Excellence & Kaizen Service Program Manager for Assembly and Test Manufacturing
Intel Corporation
Penang, Malaysia

Nix is an International Strategic Lean Program Manager owning the Kaizen Service Program covering all of Assembly and Test Manufacturing sites of Intel in Asia. She has worked in various Intel plants in the Philippines, Israel, Vietnam, and the U.S. for over 18 years.

Her current work as a technical lean leader drives process improvements in Direct Labor/Man-to-Machine Ratio, Spares and Collateral Cost, Process Cycle Times, Defect Detection and other Efficiency and Quality factory and organizational metrics.

Aside from handling 14 complex products including chipsets and processors, she worked as Product Engineering Manager and led 6 New Product Integration and Maintenance of Business. She chaired various international working groups such as product development teams, test program change control board, and other technical test working groups. She also has held a position as Manufacturing Operations Manager.

Her expertise is demonstrated in more than 400+ hours of training on a wide variety of subjects such as Fundamental Project Management, Manufacturing Lean training programs, Product Development, Technical Thermal Testing, Manager Competencies, Manufacturing and New Product Introduction.

She has a B.S. Physics degree from De La Salle University and an Executive MBA degree from Ateneo/Regis University.

She has spoken in various lean conferences in Asia and in the US. And is the first Asian Lean Expert speaker featured in the 2016 Summit of Lean Leadership Direct in the U.S.

Wednesday (April 12, 2017)

Session V: Industry Solutions

11:30 am – 1:00 pm (Wednesday) – Room Rubix

Session Chair: Hood Atan, EFR Certification, Johor Bahru, Malaysia

11:30 – 11:55 (Wednesday)



Professor Dr. Haider Ali Biswas
Head and Professor of Mathematics Discipline
Science Engineering and Technology School
Khulna University, Bangladesh

Dr. Haider Ali Biswas is currently affiliated with Khulna University, Bangladesh as a Professor of Mathematics under Science Engineering and Technology School and currently holds the position of the Head of Mathematics Discipline. Prof. Biswas obtained his B Sc (Honors) in Mathematics and M Sc in Applied Mathematics in the year 1993 and 1994 respectively from the University of Chittagong, Bangladesh, M Phil in Mathematics in the year 2008 from the University of Rajshahi, Bangladesh and Ph D in Electrical and Computer Engineering from the University of Porto, Portugal in 2013. He has more than 17 years teaching and research experience in the graduate and post-graduate levels at different public universities in Bangladesh. He published three books, one chapters and more than 70 research papers in the peer reviewed journals and international conferences. Prof. Biswas has worked at several R & D projects in home and abroad as PI and/or Researcher. His present research interests include Optimal Control with State Constraints, Nonsmooth Analysis, Mathematical Modeling, Mathematical Biology and Biomedicine, Epidemiology of Infectious Diseases. He is the life/general members of several professional societies and/or research organizations like Bangladesh Mathematical Society (BMS), Asiatic Society of Bangladesh (ASB), Institute of Mathematics and its Applications (IMA), UK, European Mathematical Society (EMS) and Society for Mathematical Biology (SMB). Dr. Biswas was the General Secretary of Mathematical Forum Khulna in 2013-2015. Dr. Biswas organized several national and international seminars/workshops/conferences in home and abroad and he has been working as editor/member of editorial boards of several international peer-reviewed journals including 'Ganit'– Journal of Bangladesh Mathematical Society. Recently Professor Biswas has been nominated the Member of the Council of Asian Science Editors (CASE) for 2017-2020.

11:55 – 12:20 (Wednesday)



Dr. Kottala Sri Yogi
Assistant Professor
Department of Industrial & Production Engineering
Institute of Technology
Guru Ghasidas Vishwavidyalya (A Central University)
Bilaspur 495009 (C.G) India

An investigation of process capability indices: A case of soft drinks processing unit

Dr. Kottala Sri Yogi is Assistant Professor in the Department of Industrial & Production Engineering, Institute of Technology, Guru Ghasidas Vishwavidyaya (A Central University) Bilaspur, Chhattisgarh, India. He has a PhD in Operations Management, which he obtained from one of the Asia's Premier and oldest technical Institute i.e Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, India. His doctoral thesis was on Analysis of Sustainable Supply Chain Management Practices in Indian Manufacturing Industries. He received Master of Engineering with Distinction Specialising Industrial Engineering and Management from Rajiv Gandhi Proudyogika Vishwavidyalya Bhopal, India He's bachelor degree Bachelor of Technology Specialising in Mechanical Engineering in Acharya Nagarjuna University, Guntur Andhra Pradesh, India. He had published more than 15 research papers covering both national and International Proceedings and International Journals. His research interests include Sustainability, Supply Chain Management, Reverse Logistics, Quality Control & Reliability Engineering, product development and Operations Management. He is currently a regular reviewer of twelve top tier referred management journals.

12:20 – 12:40 (Wednesday)



Dr. Abdul Talib Bon
Professor of Technology Management
Department of Production and Operations Management
Faculty of Technology Management and Business
Universiti Tun Hussein Onn Malaysia

Productivity Improvement in Assembly Line by Reduction Cycle Time Using Time Study at Automotive Manufacturer

Dr. Abdul Talib Bon is Professor of Technology Management in Department of Production and Operations Management, Faculty of Technology Management and Business at the Universiti Tun Hussein Onn Malaysia. He has a PhD in Computer Science, which he obtained from the Universite de La Rochelle, France in the year 2008. His doctoral thesis was on topic Process Quality Improvement on Bellline Moulding Manufacturing. He studied Business Administration major in Quality Management at the master's level in the Universiti Kebangsaan Malaysia for which he was awarded the MBA in the year 1998. He's bachelor degree and diploma in Mechanical Engineering which his obtained from the Universiti Teknologi Malaysia. He received his postgraduate certificate in Mechatronics and Robotics from Carlisle, United Kingdom in 1997. He is Managing Director of UTHM Teaching Factory and Manager of Centre for Technology (Furniture Innovation Technology) from 1 September 2016 and Head of Program Bachelor of Technology Management (Furniture Design and Manufacturing) with Honours from 2014 until now. Before this he was the Deputy Dean (Research and Development) at the Faculty of Technology Management and Business in the Universiti Tun Hussein Onn Malaysia from 2008 until December 2011. Dr. Abdul Talib Bon has had over 28 year experience of teaching in higher learning education. A major part of his teaching experience involves teaching mechanical engineering students in polytechnics. However, from the year 1999, he was given the opportunity to be jointed in the Institut Teknologi Tun Hussein Onn (ITTHO), Universiti Teknologi Malaysia as a lecturer in Mechanical Engineering Department. In this institute, he teaches engineering management and quality control at the under-graduate level. Dr. Abdul Talib Bon has multidisciplinary research interests that encompass industrial engineering, quality management and production and operation management. His completed ten research grant projects include applications of forecasting in industries. His current research project is looking into developing process quality improvement (PQI) in manufacturing industries. He has supervised more than 65 undergraduate and postgraduate research projects. He has served as a reviewer for a number of engineering management and computer science conferences and journals as part of his expertise sharing initiatives. He had published more than 150 International Proceedings and International Journals and 8 books. He is also President of Industrial Engineering and Operation Management Society (IEOMS, Malaysia), Council member of Management Science and Operation

Research Society of Malaysia (MSORSM), member of International Association of Engineers (IAENG), member of Institute of Industrial Engineer (IIE), USA, member of International Institute of Forecasters (IIF), member of Technological Association of Malaysia (TAM) and associate member of Malaysian Institute of Management (AMIM).

12:40 – 1:00 (Wednesday)



Mr. Hood Atan
EFR Certification
Johor Bahru, Malaysia

Mr. Hood Atan graduated from University of Technology Malaysia with Bachelor in Mechanical Engineering. He then furthered his studies at University of Technology Malaysia for Master in Engineering-Industrial Engineering and Doctor of Philosophy: Industrial Engineering and Operations Management. Hood has been actively involved in the field of Continual Improvement activities since the beginning of his tertiary education. Having worked as a Quality Engineer, Quality Manager, Quality and Environmental Management Representative for numerous years from bottom, middle and to top management, Mr. Hood brings along with him a wealth of regional knowledge and experience to share. With his more than 16 years experience in Quality and Business management system, he has conducted various training and workshop in the area of workplace improvement, QS-9000 and 7 packs standard requirements, ISO/TS 16949 standard, variation and waste reduction, and practical problem solving techniques including statistical tools. His industrial experience was in the automotive industry. During his stayed with the TRW Automotive and previous company, he was tasked with the responsibility of promoting and implementing VDA 6.3, QS-9000, IATF 16949, ISO14001, ISO 13485, EN16001, ISO 50001, OSHAS 18001 management system and Lean & Six Sigma within the Organization. Besides, he also responsible for supplier audit either local or oversea such as Vietnam, Thailand, Singapore, Indonesia, China and India. Presently Mr. Hood Atan is a full time trainer, auditor and management consultant in the fields of Quality, Health & Safety, Energy and Environmental Management system.

Session VI: Industry Solutions – PANEL SESSION – Women in Industry and Academia

2:30 – 4:00 pm (Wednesday) – Room Rubix

Session Chair: Dr. Ilham Kissani, Al Akhawayn University, Ifrane, Morocco



Dr. Ilham Kissani
Assistant Professor of Engineering & Management Science
School of Science & Engineering
Al Akhawayn University, Ifrane, Morocco

Dr. Ilham Kissani is an assistant professor in the field of engineering management for the School of Science and Engineering at Al Akhawayn University in Ifrane, Morocco. She has served as the main advisor and lead instructor for the undergraduate and MS programs in Engineering and Management Systems since 2010. She has helped create very close ties with the AUJ School of Business Administration, which allows both schools to leverage our resources and deliver a greater diversity of courses to students, such as supply chain management and operations management. Her background is diverse and includes industrial experience as well as academic. Her degrees are from INSEA, Morocco (Engineer) and Université Laval, Canada (Master and Ph.D). She has worked with Royal Dutch Shell as a project manager and with Modellium Québec, where she consulted in logistics and supply chain

issues. Additionally, Dr. Kissani contributes in research in supply chain management, planning, and operations research. She is a member of ASEM, IEEE, IEOM, IIE, INFORMS.



Dr. Noha Mostafa
Assistant Professor
Department of Industrial Engineering
Zagazig University, Egypt

Dr. Noha Mostafa is an assistant professor in the department of Industrial Engineering of Zagazig University, Egypt. She received her B.Sc. in Industrial Engineering from Zagazig University in 2007 and earned her M.Sc. from Zagazig University in 2012. She was a visiting PhD student in Tokyo Institute of Technology, Japan in 2016. She will get her PhD in Industrial Engineering and Management from Egypt-Japan University of Science and Technology (E-JUST) in 2017. Her research interests include supply chain management, logistics management, operations research, and statistics. She has many journal and conference publications in addition to a book chapter. Although her studies are mainly scientific, Noha is interested in many other disciplines including history, literature, arts, and music. She believes that it is necessary to have such balance between science and arts in one's life. Noha's objectives are to contribute to the research in her field, and make good communications in the academic and industrial society to be able to strengthen the link between them. Noha is a wife since 2010 and she has a 5-year-old daughter, she believes that she would never have been able to succeed in her work and research without the

support of her family.



Dr. Tagwa Ahmed Musa

Associate Professor

Dean – College of Petroleum Engineering and Technology

Sudan University of Science and Technology, Khartoum, Sudan

Dr. Tagwa Ahmed Musa Mohamed is an Associate Professor and Dean – College of Petroleum Engineering and Technology at Sudan University of Science and Technology, Khartoum, Sudan. Her specialist is Petroleum Engineering. She is the first woman in Sudan has a Ph.D. in Petroleum Engineering. She has a good contribution locally, globally, and internationally.