

2nd Annual

Next Generation Digital Oilfields Conference

“Enhance and Optimise Your Integrated Operations and Assets”

THE WHO'S WHO OF 2nd ANNUAL NEXT GENERATION DIGITAL OILFIELDS CONFERENCE 2014

Featuring Keynote Speaker:



Rakesh Vij
Head of Subsurface and General Manager (Reservoirs)
Oil & Natural Gas Corporation (ONGC)



Dr. Carlos Damski
Managing Director
Genesis Petroleum Technologies Pty Ltd (Australia)



Mohd Faizal Zainal Amri
Country Manager
Hermes Datacomms Malaysia



Garry Kolafa
Owner
Exploration Systems International Ltd. (United States)



David Cavanagh
Managing Director
Integrated Energy Pty Ltd (Australia)



Adam Furlong
Senior Sales Manager – Wireless Oil & Gas
Emerson Process Management



Andrey Zolotavin
Senior RTS Engineer, KwIDF Project Advisor
KOC Kuwait



Faisal Al-Rashoud
Senior Networks Engineer
KOC Kuwait



Amran Shah Idris
CEO and Managing Director
Digital Oilfield Consultant Pvt Ltd



Jess Kozman
Data Scientist and Technology Consultant, Singapore
Chief Technology Officer, **APO Offshore**
Former South East Asia Regional Manager: Exploration & Production Applications-Information Management, **Mubadala Petroleum**



Chairperson:
Professor Khaeruddin Sudharmin
Senior Research Fellow
School of Management Asia e University (AeU)
• Former Managing Director & CEO of MRC Malaysia in partnership with THATCHAM UK
• Former Group Company Secretary of HeiTech Padu Berhad
• Blue Ocean CEO of the Year Award 2011

Date: 17th - 18th November 2014

Venue: JW Marriott Hotel, Kuala Lumpur, Malaysia

Top 10 Reasons Why You Should Attend the 2nd Annual Digital Oilfields Conference

- **DISCOVER** why spending on data management in the oil and gas industry is set to increase exponentially by 57% over the next two years to \$16.9 billion
- **UNDERSTAND** available solutions and how they can be implemented to increase operational efficiency
- **MANAGE** connectivity issues when providing real time data access in the field
- **GAIN INSIGHTS** about the challenges faced by others in implementing DOF capabilities from global business cases
- **BENCHMARK** with the best practices and latest technology in telecommunications, data management, and automation
- **INTEGRATE** broadband and remote sensing into digital oil and gas fields
- **TRACK AND MONITOR** assets with wireless and satellite technologies
- **IMPROVE** communications infrastructure and network security for onshore and offshore operations
- **OPERATIONALISE** device policies and governance to support telecommunications and mobility
- **EXAMINE** the benefits to be realised, and potential ROI from effective utilisation of digital oilfield technology

The following key themes will be addressed in depth:

- Enhancing and optimising oil and gas production
- Reducing the costs of capital projects, drilling, completion, production, operations, and maintenance
- Maintaining and strengthening security, safety and environmental protection
- Improving the ability to predict and respond to potentially disruptive incidents
- How are our peers in the oil and gas industry using ICT to improve performance?
- How can oil and gas companies manage and derive value from vast amounts of data (seismic acquisition, SCADA systems, well logs, surface and subsurface sensors, production meters, contracts, etc.)
- How can oil and gas companies continue to improve secure collaboration among employees and with joint venture partners and contractors?
- How do emerging technologies such as big data and analytics, cloud, mobility, and social business apply to the oil and gas industry?



Event Sponsor



Official Hotel



Media Partners



Proudly Organised by





EVENT OVERVIEW

The next exciting installment of the 2nd Annual Next Generation Digital Oilfields Asia, scheduled on 17 – 18 November this year in Kuala Lumpur, Malaysia, will provide upstream professionals with crucial information on the latest innovations in the intelligent fields design and technologies. It will reveal how the right technology could be a game-changer for your particular assets and operations.

As resources become increasingly challenging to develop, E&P companies now digitize their operations in order to increase available information, utilize analytic software, and allow for real-time decision making. The concept of digital oilfield hugely relies on robust IT infrastructure and automation and communication network, and demands variables that include reliability, integration, security, scalability, openness, and control. Realized at various levels by different companies, this working concept has progressed rapidly over the past decade to offer continually evolving capabilities to a wider range of companies. Smart sensors, advanced transmission networks, powerful analytic software are just some of the technologies that can affect an increased operational control, reduction of uncertainty, and optimization of production and efficiency of processes.

The 2nd Annual Next Generation Digital Oilfields Asia, an event carefully researched and organized by UNI Strategic, will bring together key industry experts to explore field and technology developments in this swiftly evolving industry, through case studies and engaging speaker sessions designed to provide practical knowledge on effective implementation of digital oilfield and its associated technologies. Participate to gain the latest business intelligence and network with potential business partners, so as to capitalize on the first-mover advantage and profit from expanding Oil and Gas sector in the region.

Audience Profile

Senior Executives, CIOs, CTOs, IT Architects, Heads of Onshore and Offshore Technology Departments, Technology and IT Managers, Technology Developers and Technology Leaders, Chief Drilling Specialists, Drilling and Production Engineers, Reservoir Managers, Geologists and Geophysicists, Project Engineers and Consultants.

Industry Profile

Oil and Gas major contractors, standards bodies, Satellite communications, technology solution providers, Academia

Region / Countries

Australia, New Zealand, Malaysia, China, Singapore, Brunei, Indonesia, Vietnam, Taiwan, Hong Kong, Sri Lanka, India, Philippines, Korea, Japan, Middle East, US, Canada, Europe

WHO SHOULD ATTEND

- ✓ CIOs
- ✓ CTOs
- ✓ Head of Production
- ✓ Production Managers
- ✓ Network Managers
- ✓ Network Engineers
- ✓ Head of Telecommunications
- ✓ Heads of Information Systems
- ✓ Systems Managers
- ✓ IT Managers
- ✓ IT Infrastructure Managers
- ✓ Integrators
- ✓ Oil and Gas Industry Delegates
- ✓ IT/IS/ICT/Telecoms and Networks Specialists

Departments:

- ✓ Production Technology
- ✓ Innovation and Technology
- ✓ ICT and Communications
- ✓ Field Operations
- ✓ Technical Operations
- ✓ Business Development
- ✓ Data Management
- ✓ Research and Development
- ✓ Network Communications
- ✓ Subsea Operations
- ✓ Enterprise and Development (Business Transformation)

Within:

- ✓ Digital Oilfields
- ✓ Integrated Operations Solutions Providers
- ✓ Oilfield Operators
- ✓ Rig-Owners/Operators
- ✓ Oil and Gas Offshore E&P Companies
- ✓ Offshore Engineering Solutions Providers
- ✓ Shipping/Transportation
- ✓ Support Vessels
- ✓ Energy Regulatory Bodies
- ✓ Trade Bodies
- ✓ Satellite Communications
- ✓ ICT and Software Solutions

PARTIAL DELEGATE LIST OF NEXT GENERATION DIGITAL OILFIELDS CONFERENCE

- | | |
|---|---|
| ✓ PT Pertamina EP | ✓ Halliburton |
| ✓ BVT Premier Oil Natuna Sea BV | ✓ ADMA-OPCO |
| ✓ CNOOC Limited | ✓ Saudi Aramco |
| ✓ Keabangsan Petroleum Operating Company Sdn Bhd (KPOC) | ✓ KOC Kuwait |
| ✓ Murphy Sarawak Oil Co. Ltd | ✓ Baker Hughes |
| ✓ Oracle | ✓ Abu Dhabi Gas Development Company Ltd |
| ✓ OTN Systems | ✓ The University of Adelaide |
| ✓ Petroleum Development Oman | ✓ DESFA South Africa |
| ✓ PT Donggi-Senoro LNG | ✓ SKKMIGAS |
| ✓ PTT Exploration and Production | ✓ EADS Astrium (Marlink) |
| ✓ SBM Malaysia | ✓ Safetec Norway |
| ✓ ST Electronics (Info-Software Systems) Pte Ltd | ✓ Oil and Natural Gas Corporation |
| ✓ TL Offshore Sdn Bhd | ✓ Hermes Datacomms |

PARTIAL SPEAKER LIST OF PAST AUDIT WORLDS

- ✓ Halliburton
- ✓ ADMA-OPCO
- ✓ Saudi Aramco
- ✓ KOC Kuwait
- ✓ Baker Hughes
- ✓ Abu Dhabi Gas Development Company Ltd
- ✓ The University of Adelaide
- ✓ DESFA South Africa
- ✓ SKKMIGAS
- ✓ EADS Astrium (Marlink)
- ✓ Safetec Norway
- ✓ Oil and Natural Gas Corporation
- ✓ Hermes Datacomms

0800 *Registration*

0900 *OPENING ADDRESS BY CHAIRPERSON*

Professor Khaeruddin Sudharmin
Senior Research Fellow
School of Management Asia e University (AeU)

0910 **INTEGRATED OPERATIONS: INNOVATION OPPORTUNITIES FROM DRILLING TO PRODUCTION**

Keynote

- The overview of current models in Integrated Operations
- Challenges and issues facing current oil and gas operations
- Array of technologies available
- Successful implementation case studies

Rakesh Vij
Head of Subsurface and GM (Reservoirs)
Oil and Natural Gas Corporation

1000 **DEVELOPMENT OF INTEGRATED OPERATIONS AND THE DIGITAL OILFIELD IN ASIA PACIFIC**

- Case Studies
- The journey of integrated operations and the digital oilfield in the Asia Pacific region
 - The implications for attracting, retaining and developing talent
 - The implications for change management
 - Case studies

David Cavanagh
Managing Director
Integrated Energy Pty Ltd

1050 *Morning Networking Break*

1110 **DATA MANAGEMENT TO IMPROVE DRILLING OPERATIONS**

- Case Studies
- Data Management with a purpose
 - Systematic process to analyze data
 - Understand project risks
 - Manage uncertainty
 - Implication in logistics
 - Effective Lessons Learned
 - Continuous process improvement
 - Big data and small data
 - Case studies

Dr. Carlos Damski
Managing Director
Genesis Petroleum Technologies Pty Ltd

1200 **CLOUD AND MOBILITY FOCUS FOR OIL AND GAS: IMPLEMENTING REAL TIME MOBILITY INFRASTRUCTURE SOLUTIONS**

- Using cloud mobility focus for safety and auditing
- Enabling up-to-date asset information and implementing accountability
- Bring Your Own Device (BYOD) and its risks
- Fostering mobile learning and leveraging mobile innovations for the next workforce generation

Mohd Faizal Zainal Amri
Country Manager
Hermes Datacomms Malaysia

1250 *Networking Luncheon*

1410 **EMERGING TECHNOLOGIES: A GAME-CHANGER FOR THE INDUSTRY?**

- Critical needs and value drivers in a digital oilfield
- Structuring DOF contracts and vendor involvement
- Comparing cross-industry perspectives on remote collaboration, optimisation and operations
- Achieving supplier interaction model to better align incentives

Amran Shah Idris
CEO and Managing Director
Digital Oilfield Consultant Pvt Ltd

1500 **EMERSON PROCESS MANAGEMENT MALAYSIA CAPABILITY AND SERVICES PERVASIVE SENSING – PREPARING SOLID FOUNDATIONS FOR INTEGRATED OPERATIONS (iOPS)**

- Modernizing Production Wellheads to become Monitored, Automated and Intelligent.
- Gas Lift Optimizing. Finding the right synergy to optimize gas lift in production wells using wellhead data and plugging it into real time gas lift optimization tool
- EOR optimization. More sensing points on production and injection wellheads with embedded applications can work together to assure effective Improved and Enhanced Oil Recovery
- Reducing HSE risks by decreasing offshore & onshore wellhead manual rounds.

Adam Furlong
Senior Sales Manager – Wireless Oil & Gas
Emerson Process Management

1550 *Afternoon Network Break*

1610 **Panel Session: THE NEW OPPORTUNITIES THAT ARISE WITH THE DIGITAL OILFIELD**

The Digital Oilfield opens up a raft of new opportunities, three of which will be discussed in more detail in an interactive discussion led by the industry experts.

These 3 topics will be:

- Centralised monitoring and maintenance planning
- Value optimisation
- Functional deployment

Moderator:
Professor Khaeruddin Sudharmin

Panelist:
Rakesh Vij
Head of Subsurface and General Manager (Reservoirs)
Oil & Natural Gas Corporation (ONGC)

Garry Kolafa
Owner
Exploration Systems International Ltd.

Dr. Carlos Damski
Managing Director
Genesis Petroleum Technologies Pty Ltd

Mohd Faizal Zainal Amri
Country Manager
Hermes Datacomms Malaysia

1700 *Closing Address by Chairperson for Conference Day 1*



Technology Leader
Emerson Process Management

EMERSON PROCESS MANAGEMENT has unsurpassed expertise and capabilities in all aspects of automation and information systems related to the production, transmission, and processing of oil and gas products. With leading industry and automation expertise, Emerson helps clients optimize their oil and gas operations and ensure the most efficient use of capital and resources.

0830 *Registration*

0900 *OPENING ADDRESS BY CHAIRPERSON*

Professor Khaeruddin Sudharmin
Senior Research Fellow
School of Management Asia e University (AeU)

0910 **DIGITAL OILFIELD INTEGRAL INFRASTRUCTURE – CORNERSTONE OF THE PROGRAM SUCCESS**

- Prerequisites to achieve success of DOF
- Pilot or not to Pilot - lessons learnt
- Assessment cycle matrix within DOF programme
- Technical solutions in IT area to address NextGen DOF
- Overall DOF solution security - safe ground of DOF NextGen

Andrey Zolotavin
Senior RTS Engineer, KwIDF Project Advisor
KOC Kuwait

Faisal Al-Rashoud
Senior Networks Engineer
KOC Kuwait

1010 **INTELLIGENT OIL: OILFIELD DATA COLLECTION & DISTRIBUTION IN THE 21ST CENTURY**



- Objectives of data collections & data distribution
- Challenges and issues in Intelligent Oil's data
- Technical Trends that will play a huge impact to Intelligent Oilfields
- Case Studies

Garry Kolafa
Owner
Exploration Systems International Ltd.

1100 *Morning Networking Break*

1120 **Panel Discussion:**

CHALLENGES TO AUTOMATION IN UPSTREAM SECTOR

- Managing operations performance and risk by remote access

Moderator:
Professor Khaeruddin Sudharmin

Panelist:
Dr. Carlos Damski
Managing Director
Genesis Petroleum Technologies Pty Ltd

Jess Kozman
Data Scientist and Technology Consultant, Singapore
Chief Technology Officer, **APO Offshore**
Former South East Asia Regional Manager: Exploration & Production Applications - Information Management, **Mubadala Petroleum**

Garry Kolafa
Owner
Exploration Systems International Ltd.

David Cavanagh
Managing Director
Integrated Energy Pty Ltd

1215 *Networking Luncheon*

INTERACTIVE WORKSHOP

1400 **PREDICTIVE ANALYTICS FOR ASSET OPTIMAZATION**

Jess Kozman
Data Scientist and Technology Consultant, Singapore
Chief Technology Officer, **APO Offshore**
Former South East Asia Regional Manager: Exploration & Production Applications - Information Management, **Mubadala Petroleum**

Overview of workshop

A review of current trends in predictive analytics as used for digital oilfield operations, including case studies around maintenance of rotating and reciprocating equipment on the rig floor, submersible pumps, subsea flow lines, and power generation equipment. Review the history of data mining from early use in production optimization to recent use as a prognosticative tool. Understand the limitations of the methodologies and the parameters of data quality required.

Why you should attend

- **UNDERSTAND** how the new field of data analytics is impacting digital oilfields
- **EXPOSURE** to case studies and success stories from worldwide operators
- **COMPREHEND** the hype around Big Data and its application to digital oilfields
- **GAIN** familiarity with predictive data Capability Maturity model and how it can be used internally at your organization

Workshop main bullets

- ✓ Business Case for predictive analytics
- ✓ Architecture of solutions
- ✓ Case Studies
- ✓ Capability Maturity in predictive analytics
- ✓ Big Data and predictive tools
- ✓ Future trends

17.00 *Closing Address for Conference Day 2*

Universal Network Intelligence (UNI Strategic) is the regional leader in providing strategic business intelligence through all our premium events in Asia Pacific, Middle East, Africa; Singapore, Hong Kong, Beijing, Kuala Lumpur, Jakarta, Bangkok, Seoul, Dubai, Egypt, Johannesburg and Qatar.

UNI's commitment to present events of absolutely the highest calibre, in addition to providing unsurpassed client service, is the basis for our exceptional regional reputation. Our events continually draw participation from majority of the region's Fortune 500 companies.

PROFILES OF SPEAKERS:

Rakesh Vij

Head of Subsurface and GM (Reservoirs)
Oil and Natural Gas Corporation (ONGC)

MR. RAKESH VIJ is the Head of Subsurface and General Manager for Reservoir Management in Oil and Natural Gas Corporation India (ONGC). He has 32 years of experience in reservoir engineering, asset management, production engineering and production optimization techniques with specialization in sub-surface interventions, water injection management and EOR schemes.

Rakesh has Master Black Belt in Six Sigma certification from the USA. He was the recipient of numerous awards including best Asset Manager Award 2007, Best Mines Manager Award 2008, and Manager of the Year Award 2007. He is a frequent contributor to SPE technical papers at national and international conferences. He obtained a doctorate in Petroleum Engineering from the University of Dibrugarh, MBA from Indian Institute of Management in Bangalore and MSc in Chemistry from Delhi University.

Dr. Carlos Damski

Managing Director
Genesis Petroleum Technologies Pty Ltd

DR. CARLOS DAMSKI has over 15 years' experience in drilling data analysis, dealing with major companies around the world. He has a PhD in Computer Science from Sydney University and has a number of technical papers published in OTC, SPE, IADC, etc. He is the author of the upcoming book "Drilling Data Vortex – Where the bits meet the bits" to be available towards end of September 2014. The book explains in details how to use data to improve drilling activities. Dr. Damski combines an extensive experience in software technology and drilling procedures so he is in right position to model and extract business intelligence from drilling data, allowing companies to improve their drilling processes. Those are essential skills for the forthcoming Digital Drilling Engineer and data analysts. His expertise encompass major field campaign development, from initial concepts, until the detailed plan and follow up. This closes the loop for continuous process improvement, where we plan, execute, analyze and provide feedback for future wells. His latest involvement is applying those concepts in a major deepwater wells development allowing the company to understand the risks involved on drilling durations and benchmark results. He is CEO of Genesis Petroleum Technologies, a company that provides solutions to improve drilling, completions and workover processes to companies of any size.

Garry Kolafa

Owner
Exploration Systems International Ltd.

MR. GARRY KOLAFA has more than 30 years of experience in the Oil and Gas industry. He is the founder of Exploration Systems International Limited who does consulting and limited trading in the Oil and Gas industry. Prior to starting up his own business, Garry directly entered the Oil & Gas Industry and worked in standard operations in wireline logging and exploration surveys after graduated from University of Miami. He then moved on as the technical and sales manager of Western Data Systems, a highly active geophysical supply and service company based in Munich and Houston, and helped to introduce mass storage systems which could control as much as 10 Petabytes, back in 1992, to a select worldwide high end market, both in Research and the Oil and Gas Industry. He joined CGG to help insure that these systems were applied correctly in Shell's operations, which included managing a massive transcription project for PDO (Petroleum Development Oman). Garry has since been consulting for major companies such as Saudi Aramco, ENI/AGIP/NAE, and the Kuwait Oil Company. Garry is also a member of The Society of Petroleum Engineers, The Society of Exploration Geophysicists, The European Association of Geoscientists and Engineers and The Miami Geological Society.

Mohd Faizal Zainal Amri

Country Manager
Hermes Datacomms Malaysia

MR. MOHD FAIZAL is the Country Manager for Hermes Datacomms in Malaysia. He has more than 12 years of experience in the specific telecommunication services in the Oil & Gas Industry, having served several multinational companies in his previous assignments. A VSAT engineer by training, his experiences range from international project installation, delivery and management, to business development and technical sales; covers areas in Africa, Middle East, South East Asia and Australasia, delivering services to various locations including onshore and offshore facilities, drilling rigs, vessels and barges. Hermes Datacommunications Ltd specializes in providing Wide Area Communications to the upstream oil and gas industry worldwide. With over 24 years of experience, Hermes Datacomms now provides coverage in 92% of the world's oil and gas reserves and an extensive portfolio of prestigious customers, Hermes Datacomms has proven itself as a leader in the telecommunications industry. Hermes Datacomms has 16 offices in 13 countries and employs over 120 people worldwide, with over 400 VSAT installations and Earthstations in the UK, Russia, Kazakhstan, Azerbaijan, UAE, Malaysia, Myanmar, Singapore, Hong Kong, Australia and USA. Hermes Datacomms provides satellite and fiber links to some of the most remote and challenging locations, both onshore and offshore. Solutions are tailored specifically to the oil and gas industry and include international connections, managed networks and oilfield infrastructure.

David Cavanagh

Managing Director
Integrated Energy Pty Ltd

MR. DAVID CAVANAGH is a recognized subject matter expert in integrated operations. He brings 25 years of resources and energy experience, in Australia, and UK, Malaysia, Thailand, Azerbaijan, Indonesia, PNG, Norway, USA, Africa, and Middle East. His background includes lead roles in mechanical, construction, planning and systems engineering, management systems for HSE and QA. He has particular expertise in integrated operations for Mining and Energy, and a proven track record in consulting assessments which have identified billions of dollars of savings for his clients around the world. His client list includes Petronas, PTTEP, Woodside, Santos, BP (UK, Indonesia, Azerbaijan, and Angola), Shell International, Exxon, Newcrest and Rio. He is the author of several publications in the area including SPE papers and a book for Shell. David recently contributed to a major study of the implications for workforce needs and development due to increased automation and integrated operations for mining and energy. David founded Integrated Energy Pty Ltd to enable safer, more valuable operations and projects, which are better for the people working on them and the environment around us. Integrated Energy do this by providing a better way of working which considers people, process, organization, technology and the physical working environment, and together with partners in the Integrated Energy Alliance have delivered more than 50 such projects around the world. Integrated Energy was recently selected for a national innovation award for their work in resources and energy.

Amran Shah Idris

CEO and Managing Director
Digital Oilfield Consultant Pvt Ltd

MR. AMRAN SHAH IDRIS is the Managing Director of Digital Oilfield Consultant Pvt Ltd, and he specializes in Enterprise System Architecture and Data management for Digital Oilfields, Integrated Operations and Collaborative Work Environments. He has extensive experience in information

PROFILES OF SPEAKERS:

management, business analysis and mapping in E&P sector. He is also an active contributor and participant in the Digital Oilfield forums internationally. Prior to managing his own digital oilfield consulting firm, Amran spent over 8 years of experience with Petronas Carigali Sdn Bhd as Digital Oilfield System Architect and Data Manager, Surface Production Manager and Knowledge Management Lead. He was graduated from University Kebangsaan Malaysia with a B.A in Business Administration, Management and Operations.

Jess Kozman

Data Scientist and Technology Consultant, Singapore
Chief Technology Officer, **APO Offshore**

Former South East Asia Regional Manager: Exploration & Production Applications - Information Management, **Mubadala Petroleum**

MR. JESS KOZMAN is a world-recognized expert on oil and gas data management and co-owner on a patent for Intelligent Management of Oil and Gas Platform Surface Equipment. He is the Chief Technical Officer and Asia Pacific GM for APO Offshore, Houston Based predictive analytics software and services company, and recently served as a Regional Manager for Mubadala Petroleum in Singapore. He has worked primarily in Southeast Asia and Australia since 2002, and has experience as a working geophysicist, IT and data manager, and business owner for software and service companies. His consulting operations have allowed him to work with geotechnical data from all the major tectonic plates of our home planet, and at least two extraterrestrial bodies. He also teaches Master Classes in data management and leads field trips for non-geotechnical oil and gas professionals.

Andrey Zolotavin

Senior RTS Engineer, KwIDF Project Advisor

KOC Kuwait

MR. ANDREY ZOLOTAVIN is a Senior Real Time Systems Engineer in Kuwait Oil Company, responsible for SCADA, DCS and Real Time Systems with in depth knowledge of major DCS and SCADA, MIS/MES systems. He is a project advisor for KwIDF (Intelligent Oil Field) projects, providing Enterprise Automation Architecture development, overall system architecture of wells field equipment, data interfaces, solution alignment for Smart Field solutions, overall corporate IT infrastructure integration and troubleshooting support. Part of his activities is development of the specifications, projects execution coordination (FEED, FAT, SAT, etc.) with Fluor, Worley Parsons, AMEC, Technicas Reunidas, Doosan, Snaprogetti, Emerson, Invensys, Halliburton, Schlumberger.

Andrey has over 25 years of international experience in SCADA, automation and instrumentation domains of expertise. He was previously a Regional Manager at Emerson Process Management PWS, and Account Manager in Honeywell. He was for 8 years in Ansaldo Energia as Deputy Section Head for Power and Desalination Plant, and Senior C&I engineer at ORGRES and Elektrim Megadex.

Andrey is a frequent speaker and trainer in various Digital Oilfield, Cyber Security and Industrial Automation events. He is also a Senior Member of IEEE and Society of Petroleum Engineers. His inventions and patents include Fluidized bed boilers Control System, and Nuclear Power

Faisal Al-Rashoud

Senior Networks Engineer

KOC Kuwait

MR. FAISAL AL-RASHOUD is a Senior Networks engineer, possessing overall 15 years of experience in Kuwait Oil Company of which the last 5 years in mid-level management for networking. He has been active member of IEEE since 2005. He has been a Key member of the Task Force Team for designing, approval, implementation and support for the network part of several DOF pilots. The Design of the systems network infrastructure was well proven during recent cyber-attacks in Middle East.

In addition, he was responsible for Initiating and implementing Companywide Real Time Systems Network dedicated to control systems, namely SCADA. This has made a tremendous impact on the security and reliability of critical services, so much so that it was considered to utilize the same for other Process Information Systems infrastructure, requiring high level availability of the services. After observing tendency for growth in computing capacities and data transfer, he initiated an overall corporate network infrastructure upgrade, to transform it to future-proof scalable system.

Furthermore, he is the Author of articles related to industrial networks in Kuwait Digest.

Adam Furlong

Senior Sales Manager – Wireless Oil & Gas

Emerson Process Management

MR. ADAM FURLONG is the Senior Manager for Wireless Oil & Gas of Emerson Process Management in the South East Asia region. Adam holds an International MBA Degree from Antonio de Nebrija University, Madrid, Spain; majoring in Project Management and has 22 years of work experience between Telecommunications and Process Industry. Adam previously worked in Qatar where he covered all Wireless Oil & Gas business for Qatar, Kuwait, Iraq and Jordan for 3 years. Currently, he is in charge of assisting Emerson Process Management with the growth of WirelessHART business in the oil and gas market for South East Asia.

Professor Khaeruddin Sudharmin

Senior Research Fellow

School of Management Asia e University (AeU)

PROF. KHAERUDDIN SUDHARMIN was until recently, Group Company Secretary HTP Berhad & Managing Director & CEO MRC Malaysia in partnership with THATCHAM UK. He is now adjunct faculty member of OYA Graduate School of Business, Universiti Utara Malaysia (UUM) and Senior Research Fellow at the School of Management Asia e University (AeU).

Prof. Sudharmin has more than 36 years of corporate & GLC exposure spanning publishing, university and investment cooperatives, hospitality services, travel, transportation, ICT, Unit Trust/Fund Management to automotive insurance and the collision repair industries. He has attended numerous senior management development programs, among which are the strategic management program of the University of Southern California USA, The Securities Executive Program of the Wharton School University of Pennsylvania and the Senior Management Development Program Disney University, Orlando, Florida USA. In the course of his career he has spoken in many parts of the world: London, Paris, Tokyo, Milan, Chicago, Montreaux, Switzerland, Oslo, Panama, Merida, Mexico, Sao Paolo, Berlin, Dresden, Padang, Bali, Jakarta, Bangkok, Manila, Zamboanga City, Doha, Dubai, Manama Bahrain, Egypt and Sudan.