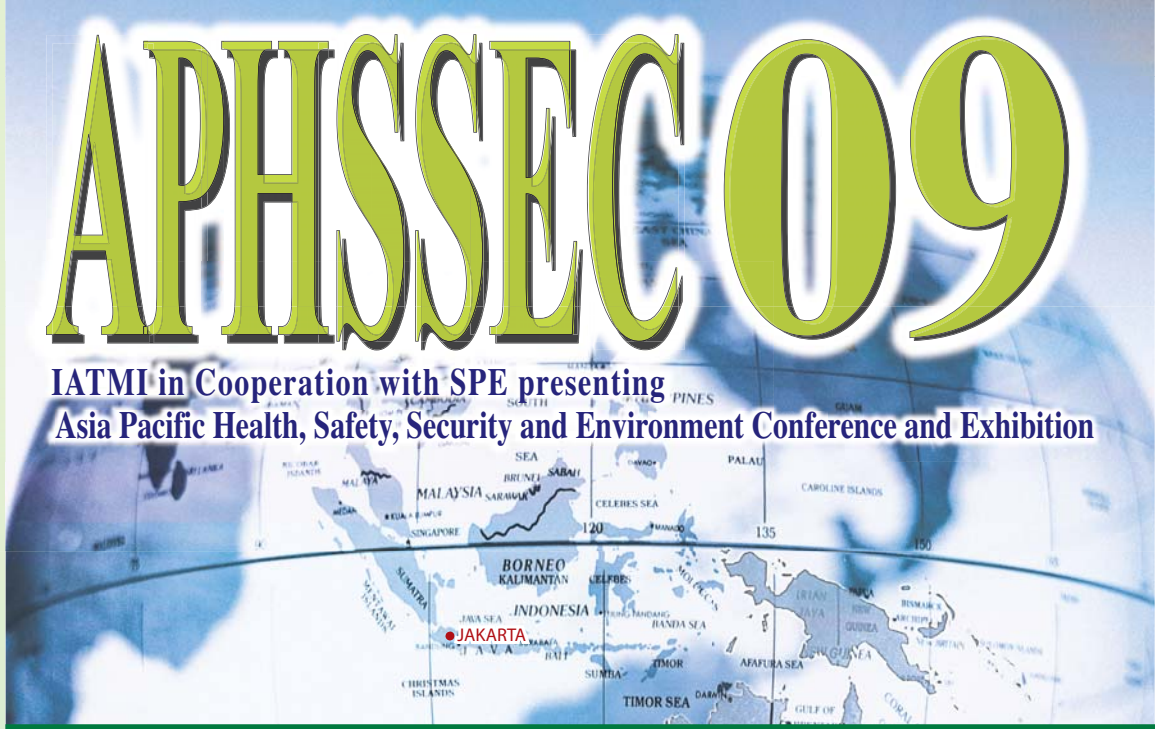
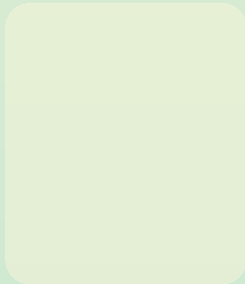


APHISSEC 09

IATMI in Cooperation with SPE presenting
Asia Pacific Health, Safety, Security and Environment Conference and Exhibition



4-6 August 2009 • Jakarta Convention Centre • Jakarta, Indonesia



*Leading the
Energy Challenges
with Care and
Responsibility*



Turn Over for the
2009 APOGCE
Conference Programme

Sponsoring Organisations



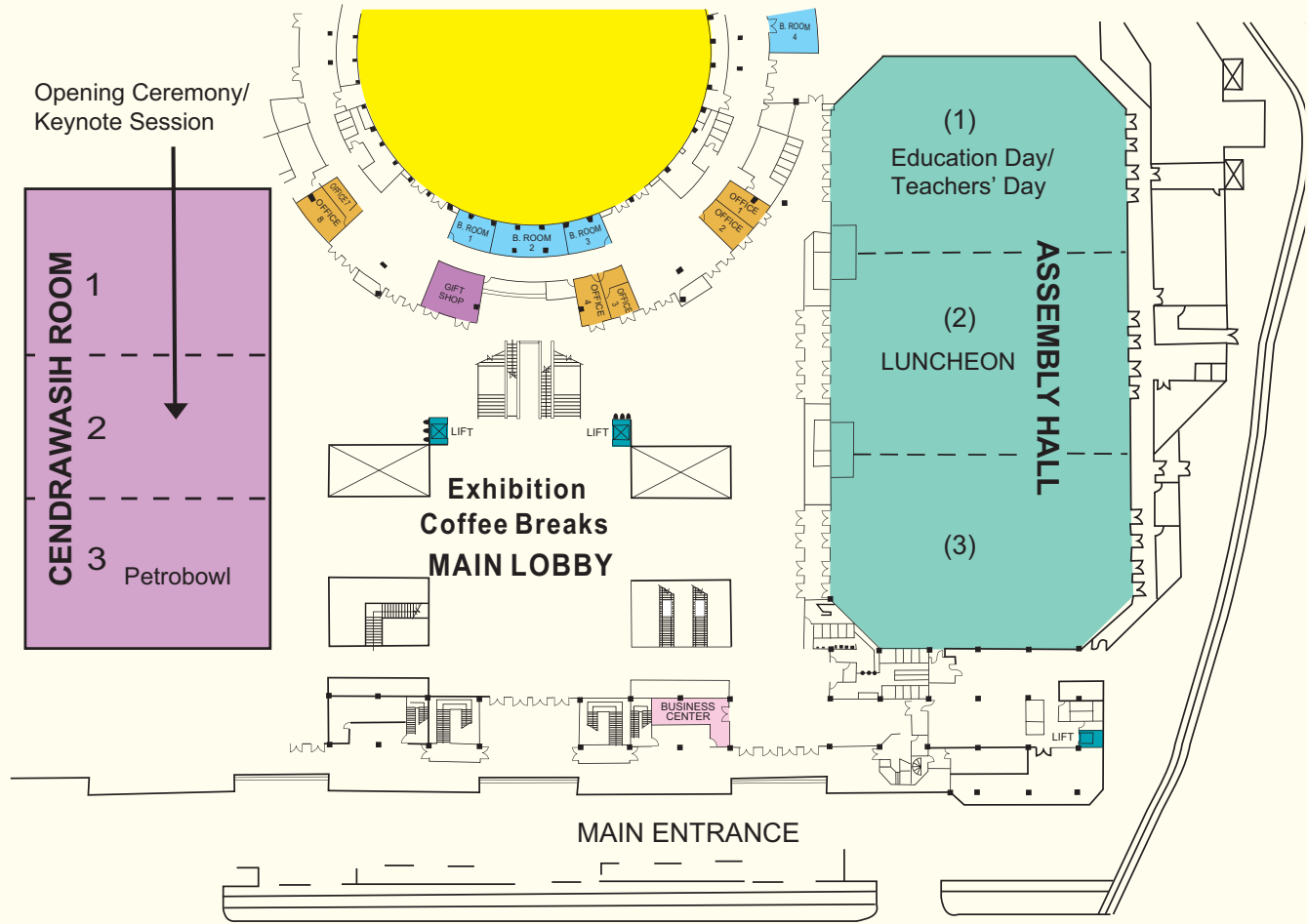
Supporting Organisations



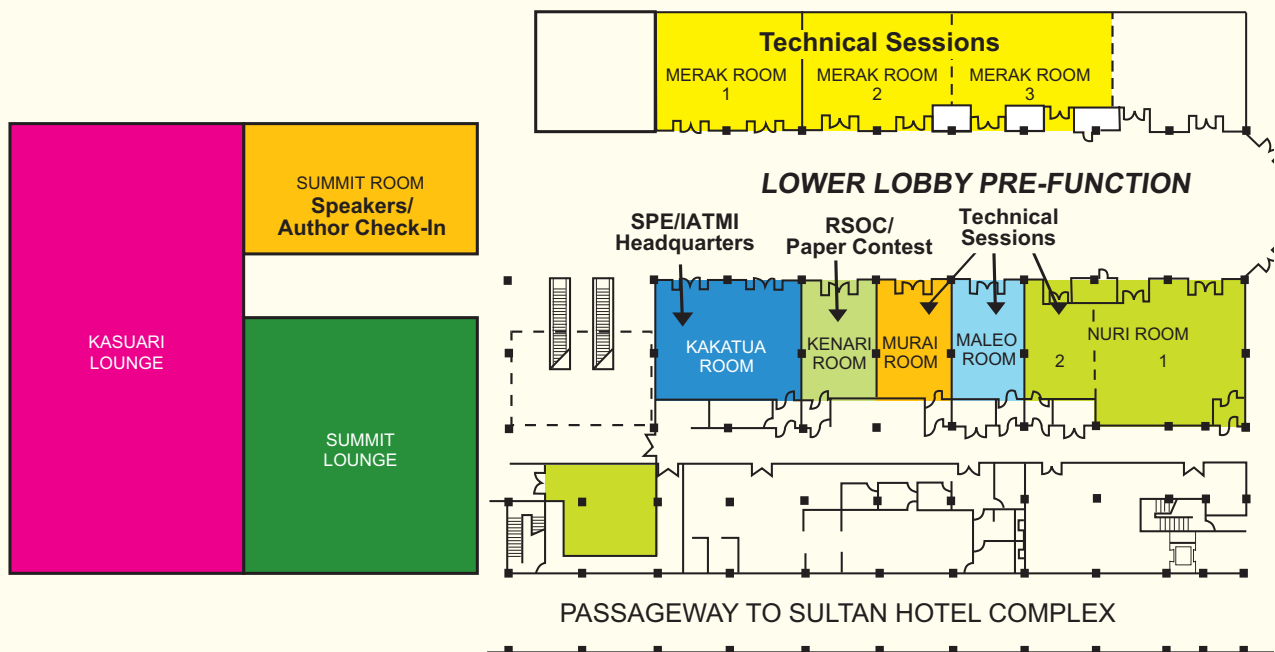
Conference Programme

MEETING ROOM & EXHIBITION GUIDE

Main Lobby



Lower Lobby



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MESSAGE FROM THE GENERAL CHAIRMAN



Dear Colleagues,

Welcome to the Asia Pacific Oil & Gas Conference and Exhibition, and the Asia Pacific Health, Safety, Security and Environment Conference and Exhibition, organised by two leading professional societies in the world – the Society of Indonesian Petroleum Engineers (IATMI) and the Society of Petroleum Engineers (SPE). Thank you for choosing to be part of this event – a merging of two conferences.

We continuously adapt to the changing industry landscape, and this is evident in the diversity and quality of the events and programmes found at this year's joint conference. As we explore the theme "Leading the Energy Challenges with Care and Responsibility" in the next three days, you can expect stimulating presentations through a keynote session, two plenary and eight panel sessions, along with 29 technical sessions. A number of papers will be presented in poster format, allowing for a closer contact with the audience. The stage allows for open discussion between representatives with a wide variety of backgrounds, coming from different parts of the world.

I hope you are ready to enjoy this event as we exchange ideas to identify challenges and cost-effective solutions in the oil and gas industry, while identifying new resources to preserve our environment.

In addition to learning from the papers and discussions in the session rooms and viewing the latest technology in the exhibition, you can find additional opportunities in the social programme, especially the conference dinner, for further discussion or just enjoying the company of old colleagues and new acquaintances.

I strongly encourage you all to make your participation in this event as active as possible so that you may achieve progress by sharing values with other professionals and stakeholders.

On behalf of IATMI and SPE, I thank you for attending and hope you enjoy all that the two conferences offer.

Abdul Muin
APOGCE/APHSSEC General Chairman
Vice Chairman, BPMIGAS

SPONSORING ORGANISATIONS



The Society of Indonesian Petroleum Engineers (IATMI) is a professional organisation. It is a vehicle for its members in every sector of the oil and gas industry to further its quest in advancing the development of education and training and initiating research projects. Another important

role of IATMI is to complement and provide valuable information to the government. In all of IATMI's activities, IATMI seeks assistance and cooperation with other professional organisations nationally or internationally. IATMI's head office is in Jakarta. At present its membership of almost 2,400 professionals spread throughout the nation in several districts (known as Komisariat) and representatives overseas.



The Society of Petroleum Engineers (SPE) is a not-for-profit professional association whose members are engaged in energy resources development and production. SPE serves 88,000-plus members from more than 112 countries worldwide.

SPE is a key resource for technical knowledge related to the oil and gas exploration and production industry and provides services through its publications, conferences, workshops, forums, and Web site at www.spe.org.

2009 IATMI PRESIDENT



Bagus Sudaryanto currently serves as Director of Operations, PT PERTAMINA EP, with responsibility to manage and control operations in all regions (Sumatra, Java and Eastern Indonesia) and all unit business, including managing and controlling partnership contracts of 33

Technical Assistance Contracts (TAC), 1 EOR and 10 Operational Joint Ventures. In this position, Sudaryanto has successfully improved the operational performance of PEP, especially in the production performance and the executive of work programmes. He had also taken over the operations of TAC Medco Sanga-Sanga and improved its production performance, as well as successfully started the drilling of 2009 WP&B by better planning and coordination.

Sudaryanto began his career with PERTAMINA in 1986 and has served in various positions in the company, as Head of Reservoir and Production Section, Manager of Exploitation, and Manager of Partnership. From 2006-2008, he was Vice President of Java Region where he managed and controlled oil and gas operations in the Java region, and operated the West Java Gas Pipeline system and Trans Java Pipeline in East Java, where most of the gas pipelines were located offshore.

Sudaryanto earned his BS and MS degrees in petroleum engineering from Bandung Institute of Technology, and a PhD degree from U. of Southern California, U.S.A.. He is a member of SPE, and was the Conference Chairman of the 2008 IADC/SPE Asia Pacific Drilling Technology Conference in Jakarta.

2009 SPE PRESIDENT



Leo Roodhart holds an MSc in chemistry and a PhD in Mathematics and Physics from the University of Amsterdam. He joined Shell in 1980, and has worked in various functions including research and development, production engineering, business development and innovation. He is currently leading Shell's corporate

Strategic Innovation program "GameChanger" that identifies and sponsors the development of new breakthrough technologies in the context of the various technology futures for the oil industry. He is an Associate Fellow at Templeton College and Said Business School, University of Oxford, on Strategic Innovation and has papers published in numerous technical journals like JPT and business journals such as Research Technology Management Journal.

Roodhart has been an active member of SPE for more than twenty-five years. He is SPE's 2009 Board President, and serves on the board sub-committee on Technical Programs and Meetings (TPM), as well as the Finance and Administration committee. He has contributed to the Society both at the local level and at the international level, especially in the area of developing new technology. In this context, he has actively contributed to the Forum Series over many years, as a member and as chairman of the Forum Series Implementation Committee for the Eastern Hemisphere and chairman of the Forum Series Coordinating Committee. Roodhart has served as both program and section chairman for the Netherlands Section; internationally, he has served on the Europec and the 2001, 2003, 2005 Offshore Europe executive committees. He chaired the first two Netherlands Applied Technology Workshops on Mature Reservoirs and has served and chaired many Forum- and ATW Committees. He is one of SPE's Distinguished Lecturers for 2007-2008.

ADVISORY COMMITTEE

Chairperson:

Evita H. Legowo, Ministry of Energy & Mineral Resources, Republic of Indonesia



Evita H. Legowo

Committee Members:

R.S. Trijana Kartaatmodjo, Oil and Gas Production Enhancement Advisory Board (TP3M)

Priyambodo Mulyosudirjo, Oil and Gas Production Enhancement Advisory Board (TP3M)

Waluyo, PT. Pertamina (Persero)

CONFERENCE PROGRAMME COMMITTEE

General Chairman

Abdul Muin, BPMIGAS

Vice-General Chairman

Budianto Renyut, Chevron Indonesia

Conference Programme Chairman

Agustanzil Sjahroezah, Energi Mega Persada

Conference Programme Vice-Chairman

Prijo Hutomo, Star Energy Indonesia



Budianto Renyut



Agustanzil Sjahroezah



Prijo Hutomo

Health Subcommittee

Soedarmadji, Star Energy Indonesia (Co-Chairperson)

Abu Hasan Samad, ExxonMobil E&P Malaysia Inc

(Co-Chairperson)

James Allen, Chevron Corp.

Renaldi M Nur Fattah, PT. Pertamina EP

Irwan B. Hasyim, ExxonMobil Oil Indonesia

Gary R. Krieger, Newfields Inc.

Surya Kumar, Shell Eastern Petroleum Pte Ltd

Torunn Jane Lind, StatoilHydro

Peter S. Nmadu, Nigerian National Petroleum Corp.

Elsye A. Safira, BP Indonesia

Chandra Satriya, University of Indonesia

Christian Cappelen Smith, Seadrill Management AS

Wisprayogie, Chevron IndoAsia

Safety & Security Subcommittee

Satrio Pratomo, Energi Mega Persada (Co-Chairperson)

Ash Stanley, Acergy (Co-Chairperson)

Prapon Charusalaipong, PTT Exploration & Production Plc.

Ali Dikri, Chevron Indonesia Co.

Wayne Fee, SafeDrive International

Shahar Hashim, Schlumberger

Aidan Hayes, Woodside Energy

Animan Inoe, PT. DuPont Indonesia

Mochtar Djaya, BPMIGAS

John Karish, ENSCO Intl.

Morris Kho, PETRONAS

Muhammad Najib, Total E&P Indonesia

Kittpipat Phewpanchon, PTT Exploration & Production Plc.

Tran Hong Phong, VietSovPetro

Tursilo Prihandoko, ExxonMobil Indonesia

Sugeng Riyono, LEMIGAS

Doni G. Wibisono, Medco E&P Indonesia

Nor Hashim Yusoff, PETRONAS Carigali Sdn. Bhd.

Environment Subcommittee

Arudji Wahyono, Chevron Pacific Indonesia (Co-Chairperson)

Mohd Radzuan Yusof, PETRONAS Carigali Sdn. Bhd.

(Co-Chairperson)

John Aronson, AATA

Catherine Brosnan, RPS Group

Carlos Roberto Derossi, PETROBRAS E&P

John A. Hall, Halliburton

Udi Syahnudi Hamzah, BPMIGAS

Ibrahim Irsyad, Medco E&P Indonesia

Jeffrey Jeter, European Bank for Reconstruction and Development

Arthur J.J. Leuteran, M-I Swaco LLC

Maryuswan Marsid, Serica Energy Plc.

Abdul Ghafar Maulana, PETRONAS Carigali Sdn. Bhd.

Tony McCoy, Oil Search Ltd.

Foo Say Moo, PETRONAS

Declan O' Driscoll, Oil Spill Response Ltd.

Agung Prastowo, ConocoPhillips Indonesia

Chandra Prijanahadi, Energi Mega Persada

Archie Smith, Oil Spill Response Ltd.

Teerapon Soponkhanabhorn, PTT Exploration and Production PLC

Sugiarto, Elnusa Tristar Ramba Ltd.

Arief Sunu, Medco E&P Indonesia




Djoko Susanto, PT Pertamina

Thank you to all of our committee members and volunteers!

SCHEDULE OF EVENTS

All functions, unless otherwise specified, are scheduled at the Jakarta Convention Centre.

*Joint with 2009 Asia Pacific Oil & Gas Conference and Exhibition (APOGCE)

 Health  Safety & Security  Environment

Monday, 3 August

0800 – 0830 hours	Registration – Young Professionals Workshop *	Nuri Room Foyer
0830 – 1400 hours	Young Professionals Workshop *	Nuri Room
0900 – 1800 hours	Exhibit Move-In *	Main Lobby
1500 – 1800 hours	Speaker/Author Check-In and AV Preparation *	Summit Room
1200 – 1800 hours	Registration *	Outside Entrance Foyer

Tuesday, 4 August

0700 – 0800 hours	Author/Session Chairperson Breakfast Meeting *	Summit Lounge
0730 – 1700 hours	Speaker/Author Check-In and AV Preparation *	Summit Room
0730 – 1730 hours	Registration *	Outside Entrance Foyer
0900 – 1000 hours	Opening Ceremony *	Cendrawasih Room
0900 – 1730 hours	Poster Displays *	Lower Lobby
0900 – 1730 hours	Exhibition *	Main Lobby
1000 – 1040 hours	Coffee Break *	Main Lobby
1040 – 1230 hours	Keynote Session *	Cendrawasih Room
1230 – 1400 hours	Topical Luncheon *	Assembly Hall 2
1400 – 1600 hours	Panel Session 1 “Security”	Merak Room 3
	Session 1 “HSE Management Systems”	Nuri Room 1
	Session 2 “Waste Management”	Nuri Room 2
1400 – 1630 hours	Welcome Reception *	Main Lobby
1600 – 1730 hours		

Wednesday, 5 August

0700 – 0800 hours	Author/Session Chairperson Breakfast Meeting *	Summit Lounge
0730 – 1700 hours	Speaker/Author Check-In and AV Preparation *	Summit Room
0730 – 1700 hours	Registration *	Outside Entrance Foyer
0830 – 1000 hours	Panel Session 2 “Public Health: Impact on the Workforce”	Merak Room 3
	Session 3 “Management of Major Accident Hazards”	MaleoRoom
	Session 4 “Drilling and Production Fluids”	Nuri Room 2
0830 – 1230 hours	Education Day *	Assembly Hall 1
0830 – 1730 hours	Poster Displays *	Lower Lobby
0830 – 1730 hours	Exhibition *	Main Lobby
0900 – 1700 hours	Petrobowl	Cendrawasih Room 3
1000 – 1030 hours	Coffee Break *	Exhibit Area
1030 – 1230 hours	Plenary Session “Growth, Care and Responsibility”	Merak Room 3
1230 – 1400 hours	Topical Luncheon *	Assembly Hall 2
1400 – 1600 hours	Panel Session 3 “Clean Development Mechanism (Carbon Trade) Issues and Challenges”	Merak Room 3
	Session 5 “Contractor Safety Management”	Nuri Room 1
	Session 6 “Health Management”	Nuri Room 2
1600 – 1700 hours	Poster Session Presentation and Reception *	Lower Lobby
1900 hours	Conference Dinner*	Hotel Mulia Senayan

Thursday, 6 August

0700 – 0800 hours	Author/Session Chairperson Breakfast Meeting *	Summit Lounge
0730 – 1600 hours	Speaker/Author Check-In and AV Preparation *	Summit Room
0730 – 1600 hours	Registration *	Outside Entrance Foyer

0830 – 1000 hours	Panel Session 4 “Contractor Safety”	Merak Room 3
	Session 7 “Hazard Identification and Risk Management”	Nuri Room 1
	Session 8 “Environmental Management and Technology”	Nuri Room 2
0830 – 1600 hours	Poster Displays *	Lower Lobby
0830 – 1600 hours	Exhibition *	Main Lobby
1000 – 1030 hours	Coffee Break *	Exhibit Area
1030 – 1200 hours	Panel Session 5 “Impact of Climate Change on Health”	Merak Room 3
	Session 9 “Oil Spill Technology and Management”	Nuri Room 2
1230 – 1400 hours	Topical Luncheon *	Assembly Hall 2
1400 – 1530 hours	Panel Session 6 “Corporate Social Responsibility (CSR) in a Sustainable Oil & Gas Industry”	Merak Room 3
	Panel Session 7 “Leadership & Behaviour”	Nuri Room 1
	Session 10 “Healthy Workplace”	Nuri Room 2
1530 – 1600 hours	Closing Session	Merak Room 3
1630 – 2000 hours	Exhibit Move-Out *	Main Lobby

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Fax: 61 2 9385 5182
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www.petrol.unsw.edu.au/online/oplearn.html

OPENING CEREMONY

Tuesday, 4 August • 0900-1000 hours • Cendrawasih Room

President of the Republic of Indonesia
H.E. Dr. H. Susilo Bambang Yudhoyono



Purnomo Yusgiantoro



Abdul Muin



Leo Roodhart



Bagus Sudaryanto

H.E. Dr. H. Susilo Bambang Yudhoyono, President of the Republic of Indonesia; **H.E. Dr. Purnomo Yusgiantoro**, Minister of Energy and Mineral Resources, Republic of Indonesia; **Leo Roodhart**, 2009 SPE President and Head, Strategic Innovation, Shell International; **Bagus Sudaryanto**, 2009 IATMI President and Director of Operations, PT PERTAMINA EP, and **Abdul Muin**, 2009 APOGCE/APHSSEC General Chairman and Vice Chairman, BPMIGAS, will open the conference and exhibition at the Tuesday, 4 August Opening Ceremony. **To attend the Opening Ceremony, Conference registrants are required to wear their registration badges and to be seated in the Cendrawasih Room by 0830 hours.**

KEYNOTE SESSION

Tuesday, 4 August • 1040-1230 hours • Cendrawasih Room



Rachmat Witoelar



R. Priyono



Karen Agustiawan



Steve W. Green

- **H.E. Prof. Rachmat Witoelar**, State Minister of Environment, Indonesia
- **R. Priyono**, Head of BPMIGAS
"Maximising Value of the Upstream Oil & Gas Industry in Indonesia"
- **Karen Agustiawan**, President and CEO, PT PERTAMINA (Persero)
- **Steve W. Green**, President, Chevron Indonesia Company
"Meeting Energy Challenges with Care and Responsibility"

TOPICAL LUNCHEONS

Tuesday, 4 August • 1230-1400 hours • Assembly Hall 2



Terry McPhail

President and General Manager
ExxonMobil Oil Indonesia Inc.

"Working Responsibly to Meet the World's Energy Needs"

Wednesday, 5 August • 1230-1400 hours • Assembly Hall 2



Azhar Noordin

Senior General Manager Group HSE Division
PETRONAS

"Strengthening HSE Competency through Accelerated Competency Development (ACD) – the PETRONAS Experience"

Thursday, 6 August • 1230-1400 hours • Assembly Hall 2



Emil Salim

Member of the Advisory Council to President Yudhoyono

PLENARY AND PANEL SESSIONS

Wednesday, 5 August • 1030-1230 hours • Merak Room 3

PLENARY SESSION: GROWTH, CARE AND RESPONSIBILITY



Siti Fadilah Supari



Sumarna
Abdurrahman



Elisabeth Proust



Waluyo

Session Chairperson:

Budianto Renyut, Chevron Indonesia

Agustanzil Sjahroezah, Energi Mega Persada

Plenary Speakers:

- **Siti Fadilah Supari SP JP (K)**, Minister of Health, Indonesia
- **Sumarna Abdurrahman**, Vice Chairman, National Body of Professional Certification Indonesia (BNSP)
- **Elisabeth Proust**, President Director & General Manager, TOTAL E&P Indonesia
- **Waluyo**, Corporate Senior Vice President, General Affairs & Human Resources, PT Pertamina (Persero)
- Senior Executive from Hill & Associates (invited)

Tuesday, 4 August • 1400-1600 hours • Merak Room 3

PANEL SESSION 1: SECURITY

Session Chairpersons:

Mochtar Djaya, BPMIGAS

Baruno Subroto, Chevron

Panelists:

122046 Non-Explosive Solutions for High Performance and Operational Efficiencies

V. Schiavi, R. Tjoonk, H. Mahammed and
S. A. Waheed, Halliburton

123445 Study and Application on Blowout Accidents and Human Machine Reliability: More Than One Hundred Case Statistics in China

Xugang Wang, Langfang Branch Institute of RIPED, Petrochina

125207 Asset Protection in View of Oil and Gas Upstream Industry in Indonesia

Mochtar Djaya, BPMIGAS

Wednesday, 5 August • 0830-1000 hours • Merak Room 3

PANEL SESSION 2: PUBLIC HEALTH: IMPACT ON THE WORKFORCE

In 1920, C.E.A. Winslow defined Public Health as “the science and art of preventing disease, prolonging life and promoting health through the organized efforts and informed choices of society, organizations, public and private, communities and individuals.”

The focus of Public Health seen from the point of the Oil & Gas Industry should always be to prevent disease and promote health to its workforces wherever this global industry works and cares for its employees and surrounding communities.

We have seen some threatening examples of diseases throughout the world and history of mankind – and we are still not anywhere near being freed from these threats in spite of modern medicine, surveillance programmes, occupational and industrial hygiene, fitness programmes and focus on improved hygiene through Public Health efforts in most countries.

We have seen a mild SARS epidemic, we are constantly looking at the threats of HIV and AIDS, TB is on the advance again worldwide, Malaria is a never ending story, contamination of drinking water and last but not least the Bird Flu is a lingering threat – that may or may not erupt into a worldwide Pandemic.

Our industry has resources in the shape of highly educated personnel in industrial hygiene and occupational medicine, relatively strong economic background and dedicated leadership—all ingredients necessary to promote Public Health to our Workforce and surrounding communities.

This Public Health Panel Session will therefore address the challenges and means to focus on proactivity and prevention rather than reactivity and treatment, and thus be prepared to handle Public Health issues if and when they occur.



Irwan Hasyim



Tanry Karyadi



Olivier Lo

Session Chairpersons:

Irwan Hasyim, ExxonMobil Oil Indonesia

Wisprayogie, Chevron IndoAsia

Panelists:

- **Sri Daryanti**, Program Director, The Indonesian Committee on Humanitarian Programs
- **Irwan Hasyim**, ExxonMobil Oil Indonesia
- **Tanry Karyadi**, Occupational Health Doctor, BP Indonesia
- **Olivier Lo**, Medical Director, International SOS
- **Harjono**, President, National Safety and Health Council of Indonesia

Wednesday, 5 August • 1400-1600 hours • Merak Room 3

PANEL SESSION 3: CLEAN DEVELOPMENT MECHANISM (CARBON TRADE) ISSUES AND CHALLENGES

The facts surrounding climate change and the evidence relating to the issues involved have been presented in ways that may be confusing. In reality, climate change is not one subject but a number of interwoven themes that together create an overall picture. Breaking down those themes and understanding and interpreting those facts can be overwhelming.

An Inconvenient Truth (AIT) slides presentation was initiated by Al Gore, the 2007 Nobel Peace Prize Winner, in an effort to convince people that the climate crisis is a true planetary emergency. Its aim is to make the science and the arguments about global warming and climate change and its effects accessible to all audiences.

There are four central scientific hypotheses which underlie the presentation: global average temperatures have been rising significantly over the past half century and are likely to continue to rise; this is mainly attributable to human-made emissions of greenhouse gases; if unchecked, this will have significant adverse effects on the world and its populations; and there are measures that individuals, business and institutions, and governments can take which will help to reduce climate change or mitigate its effects.

Clean Development Mechanism is one positive measure where developed and developing countries can play a part in terms of project development and financing schemes. However, with a new US administration and 2012 set as the year to agree on new climate agreement, countries around the world have begun to develop new energy and climate plans.

This session will discuss the practical aspects of carbon trading in the oil & gas industry focusing on the challenges.



Foo Say Moo



Amanda Katili Niode



Dwita Prihartono



Hoang Van Thach

Session Chairperson:

Agustanzil Sjahroezah, Energi Mega Persada

Panelists:

- **Foo Say Moo**, Group Sustainable Development Dept., Group HSE Division, PETRONAS
- **Amanda Katili Niode**, Special Assistant to the Minister, Ministry of Environment Indonesia
- **Dwita Prihartono**, Chevron Geothermal Indonesia
- **Joko Susilo**, Environment Manager, PT. Pertamina (Persero)
- **Hoang Van Thach**, Deputy General Manager, HSE Division, PetroVietnam

Thursday, 6 August • 0830-1000 hours • Merak Room 3

PANEL SESSION 4: CONTRACTOR SAFETY

Owners and contractors like any other stakeholders in Oil & Gas Business should work as partners to achieve the objective of “Leading Growth with Care and Responsibility”. They have to align their goals and objectives to form a win-win partnership in their journey to strive for HSE excellence. Regular dialogue at leadership level will help to resolve common issues and set clear direction and expectations. Leaders of owners and contractors are also expected to lead by example and be a role model in positive HSE behaviour. They should be instrumental in creating a positive safety culture within their organisations for all levels to act with care and responsibility in their own work areas.

Compatible HSE management system need to be established amongst them and minimum standards set for critical jobs. Strengthening the interface between them is also a priority so that communication can be effective.

Self regulation amongst the contractors of similar trade should be encouraged through setting up of their own trade association. The trade association can be a platform for discussion and setting common standards for their specialised works. It can also provide training and certification scheme for workers of their specialised trade to raise their competency and capability.

Lastly, greater effort should be made to share and benchmark HSE performance and lessons learnt more widely shared amongst them to reduce recurrence of similar incidents.



Iwan Jatmika



John Karish



Sabri B. Mohd Salleh



Gunawan Wiraatmaja

Session Chairpersons:

Morris Kho, PETRONAS

Satrio Pratomo, Energi Mega Persada

Panelists:

- **Iwan Jatmika**, Java HSE Manager, BP West Java Ltd.
- **John Karish**, Director – SHE, ENSCO Intl.
- **Sabri Bin Salleh**, Senior Manager, HSE Systems Management, PETRONAS Carigali Sdn. Bhd.
- **Gunawan Wiraatmaja**, QHSE Manager, Schlumberger

Thursday, 6 August • 1030-1200 hours • Merak Room 3

PANEL SESSION 5: IMPACT OF CLIMATE CHANGE ON HEALTH

Climate change is a very much talked about subject over the last few years. Most people in the world including the scientists believe that it is responsible for many of the major recent and past happenings or incidents affecting the mankind, fauna and flora worldwide. One of the major concerns is its growing and huge impact on health in general and in particular its impact to the vulnerable groups including children, elderly, the undernourished and impoverished, and the workforce at large. The impact is thought to be massive and generalised and it can be beyond the means of many authorities or governments to deal with.

This panel session will address the general and specific impacts of climate change on people’s health. This includes the emergence of new diseases, re-emerging and outbreak of resistant diseases, cross endemic diseases, reduction of general immunity, scarcity of food and water supplies, natural disasters, etc. Views from various stakeholders such as the Health Ministry, NGO, oil & gas industry and academia will be presented.



Budi Haryanto



Tan Malaka

Session Chairpersons:

Soedarmadji, Star Energy Indonesia

Abu Hasan Samad, ExxonMobil E&P Malaysia Inc.

Panelists:

- **Budi Haryanto**, Chairman of Dept. of Environment Health, School of Public Health, Senior Fellow of Center for Health Research, University of Indonesia
- **Tan Malaka**, Occupational Health Physician, Universitas Sriwijaya
- **Kyaw Win**, Emergency Health Assistance, WHO (invited)

Thursday, 6 August • 1400-1530 hours • Merak Room 3

PANEL SESSION 6: CORPORATE SOCIAL RESPONSIBILITY (CSR) IN A SUSTAINABLE OIL & GAS INDUSTRY

CSR is firmly on the global policy agenda of many multinational corporations. A formal and universally acceptable definition of CSR has yet to emerge as the topic is debated in local and international fora. CSR, in broad summary, is the ethical behaviour of a company towards society. In particular, this means management acting responsibly in its relationships with other stakeholders who have legitimate interest in the business – not just the shareholders. CSR is recognised as an integral part of the sustainable development.

Concern is sometimes expressed that CSR has no clear business benefits and could destroy shareholder value by diverting resources from core commercial activities. Many in business are worried that businesses will be directed to take on social responsibilities that should be handled by the governments.

This panel session will address the general and specific deliberations from actual and 'proven' best practices by energy operators in mostly less-developed social environments. Views from various stakeholders such as SPE, the State Ministry of Environment, an international NGO, an energy industry and academia will be presented.



Surya Darma



Emmanuel Garland

Session Chairpersons:

Prijo Hutomo, Star Energy Indonesia

Decian O'Driscoll, Oil Spill Response Ltd.

Panelists:

- **Surya Darma**, PERTAMINA Geothermal Energy Ltd.
- **Emmanuel Garland**, Special Advisor, HSE Division, Total EP
- **Ahmad Kosasih**, President, WWF Indonesia

Thursdays, 6 August • 1400-1530 hours • Nuri Room 1

PANEL SESSION 7: LEADERSHIP & BEHAVIOUR

HSE performance is dependent on cultural alignment – within and between partnering organisations. While HSE has improved markedly over recent times, many organisations are struggling to get consistent performance or achieve the ultimate goal of an incident free workplace.

Much of the good work that has been done in improving HSE performance has focused on building the integrity of HSE systems, plant and equipment. While this has achieved great results the focus has now moved to individual behavior, leadership, and by definition, a focus on ways to develop and align (HSE) culture consistent with the goal of achieving an incident free workplace.

In a typical oil and gas exploration, drilling or production workplace, cultural alignment is by definition a process that must involve operators, contractors and support organisations.

This panel discussion will explore key questions and case study material around how to achieve this alignment including:

- The meaning of cultural alignment,
- Change management processes to develop cultural alignment,
- Measures to assess the degree of cultural alignment, and,
- The role of leaders and leadership in cultural alignment.



Rob Fisher



Mark Phillips



Srinivasan
Ramabhadran

Session Chairpersons:

John Karish, ENSCO Intl.

Asu Stanley, Acergy


Panelists:

- **Rob Fisher**, Consultant
- **Mark Phillips**, Vice President – Indonesia, Halliburton
- **Srinivasan Ramabhadran**, Business Director - East Asia, DuPont Safety Resources

SESSION GRID

Date	Time	Merak Room 3	Nuri Room 1	Nuri Room 2	Lower Lobby
Tuesday, 4 August	0900 - 1000 hours	Opening Ceremony * - Cendrawasih Room			Poster Displays
	1000 - 1040 hours	Coffee Break * - Main Lobby			
	1040 - 1230 hours	Keynote Session * - Cendrawasih Room			
	1230 - 1400 hours	Topical Luceon * - Assembly Hall 2			
	1400 - 1600 hours	Panel Session 1 - Security	Session 1 - HSE Management Systems	Session 2 - Waste Management	
	1600 - 1730 hours	Welcome Reception * - Main Lobby			
Wednesday, 5 August	0830 - 1000 hours	Panel Session 2 - Public Health: Impact on the Workforce	Session 3 - Management of Major Accident Hazards	Session 4 - Drilling and Production Fluids	Poster Displays
	1000 - 1030 hours	Coffee Break * - Main Lobby			
	1030 - 1230 hours	Plenary Session - Growth, Care and Responsibility			
	1230 - 1400 hours	Topical Luceon * - Assembly Hall 2			
	1400 - 1600 hours	Panel Session 3 - Clean Development Mechanism (Carbon Trade) Issues and Challenges	Session 5 - Contractor Safety Management	Session 6 - Health Management	
	1600 - 1700 hours	Poster Session Presentation and Reception * - Lower Lobby			
	1900 hours	Conference Dinner * - Hotel Mulia Senayan			
Thursday, 6 August	0830 - 1000 hours	Panel Session 4 - Contractor Safety	Session 7 - Hazard Identification and Risk Management	Session 8 - Environmental Management and Technology	Poster Displays
	1000 - 1030 hours	Coffee Break * - Main Lobby			
	1030 - 1200 hours	Panel Session 5 - Impact of Climate Change on Health		Session 9 - Oil Spill Technology and Management	
	1230 - 1400 hours	Topical Luceon * - Assembly Hall 2			
	1400 - 1530 hours	Panel Session 6 - Corporate Social Responsibility (CSR) in a Sustainable Oil & Gas Industry	Panel Session 7 - Leadership & Behaviour	Session 10 - Healthy Workplace	
	1530 - 1600 hours	Closing Session			

* Joint with 2009 Asia Pacific Oil & Gas Conference and Exhibition (APOGCE)

 Health

 Safety & Security

 Environment

TECHNICAL PROGRAMME

(Additions/changes made after 27 July 2009 are not reflected)

Tuesday, 04 August • 1400-1600 hours
Cendrawasih Room
OPENING SESSION

- **Welcoming Address: Abdul Muin**, 2009 APOGCE/ APHSSEC General Chairman and Vice Chairman, Government Executive Agency for Upstream Oil & Gas Business Activities (BPMIGAS)
- **Leo Roodhart**, 2009 SPE President and Head, Strategic Innovation, Shell International
- **Remarks: H.E. Dr. Purnomo Yusgiantoro**, Minister of Energy and Mineral Resources, Republic of Indonesia
- **Official Opening: H.E. Dr. H. Susilo Bambang Yudhoyono**, President of the Republic of Indonesia
- Ribbon cutting and VIP Tour of the Exhibition

Tuesday, 04 August • 1040-1230 hours
Cendrawasih Room
KEYNOTE SESSION

- **H.E. Prof. Rachmat Witoelar**, State Minister of Environment Indonesia
- **Mr. R. Priyono**, Chairman, BPMIGAS
- **Ms. Karen Agustiawan**, President and CEO, PT. PERTAMINA
- **Mr. Steve Green**, President, Chevron Indonesia Co.

Tuesday, 04 August • 1400-1600 hours
Murai Room 3
PANEL SESSION 1: SECURITY

Session Chairpersons:
Mochtar Djaya, BPMIGAS
Baruno Subroto, Chevron

- | | |
|--------|--|
| 122046 | Non-Explosive Solutions for High Performance and Operational Efficiencies
V. Schiavi, R. Tjoonk, H. Mahammed and S. A. Waheed, Halliburton |
| 123445 | Study and Application on Blowout Accidents and Human Machine Reliability: More Than One Hundred Case Statistics in China
Xugang Wang, Langfang Branch Institute of RIPED, Petrochina |
| 125207 | Asset Protection in View of Oil and Gas Upstream Industry in Indonesia
Mochtar Djaya, BPMIGAS |

(Additional panelists to be confirmed)

Tuesday, 04 August • 1400-1600 hours
Nuri Room 1
SESSION 1: HSE MANAGEMENT SYSTEMS

Session Chairpersons:
Satrio Pratomo, Energi Mega Persada
Arief Yunan, Chevron Indonesia

- | Time | Paper | |
|------|--------|--|
| 1400 | 122674 | ISO 14001 and OHSAS 18001 Certification for Global Drilling Operations
S. Hasan, T. Hanson and D. Taylor, Premier Oil Plc. |
| 1430 | 122545 | Managing HSE Risk in Harsh Environment
N.H. Yusoff and M. Yusoff, PETRONAS Carigali Sdn. Bhd. |
| 1500 | 122543 | Integrating Process Safety Aspects in a HSE Management System
R. Mapus, PETRONAS Carigali Sdn. Bhd. |
| 1530 | 122474 | Behavior Based Safety Simultaneous Deployment for Office and Field Based Workforce
F. Syauki and H. Basri, Chevron |

Tuesday, 04 August • 1400-1630 hours
Nuri Room 2
SESSION 2: WASTE MANAGEMENT

Session Chairpersons:
Maryuswan Marsid, Serica Energy Plc.
Abdul Ghafar Maulana, PETRONAS Carigali Sdn. Bhd.

- | Time | Paper | |
|------|--------|---|
| 1400 | 123482 | The International Association of Oil & Gas Producers (OGP) Naturally Occurring Radioactive Material Management (NORM) Guidelines
K.A. Mously and M. Cowie, Saudi Aramco; J.A. Campbell, OGP |
| 1430 | 122796 | Hazardous Waste Disposal Using Co-Processing
A.Rustamina, I. Sealy and G. Wiraatwaja, Schlumberger |
| 1500 | 123570 | Realities of Spill: Waste Remediation Strategies
T. Massoura and M. Sommerville, Oil Spill Response Ltd. |
| 1530 | 123496 | The Design, Fabrication and Operation of a Mobile Naturally Occurring Radioactive Material (NORM) Decontamination Facility
M. Cowie and K.A. Mously, Saudi Aramco |

1600 122744 **Bioremediation of Crude Oil Contaminated Soil by Composting Using Wood Shaving as Bulking Agent**
N.M. Ahiamadu and S. Suripno, TOTAL E&P Nigeria Ltd.

Wednesday, 05 August • 0830-1000 hours
Merak Room 3

PANEL SESSION 2: PUBLIC HEALTH: IMPACT ON THE WORKFORCE

Session Chairpersons:

Irwan Hasyim, ExxonMobil Oil Indonesia
Wisprayogie, Chevron IndoAsia

Panelists:

- **Sri Daryanti**, Program Director, The Indonesian Committee on Humanitarian Programs
- **Tanry Karyadi**, Occupational Health Doctor, BP Indonesia
- **Olivier Lo**, Medical Director, International SOS
- **Harjono**, President, National Safety and Health Council of Indonesia

Wednesday, 05 August • 0830-1000 hours
Nuri Room 1

SESSION 3: MANAGEMENT OF MAJOR ACCIDENT HAZARDS

Session Chairpersons:

Aidan Hayes, Woodside Energy
Ash Stanley, Acergy

Time	Paper	
0830	122517	Innovative and Proactive Major Hazard Management in South East Asia E. Noersoesanto, Premier Oil Indonesia

0900	123451	Practical Aspects of Integrity Management for Large Oil and Gas Production Infrastructures S.W. Ciaraldi, BP Indonesia
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0930	122669	Human Error and Major Accidents - Will Improved Compliance Solve the Problem? J. Naerheim and A. Ringstad, StatoilHydro
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Wednesday, 05 August • 0830-1000 hours
Nuri Room 2

SESSION 4: DRILLING AND PRODUCTION FLUIDS

Session Chairpersons:

Chandra Prijanahadi, Energi Mega Persada
Gunawan Wiraatmaja, Schlumberger

Time	Paper	
0830	122415	Multistage Centrifugal Pumps for Drilling and Production Waste Injection Operations K. Newman, K. McCosh, G. Woolsey and E. Hand, M-I SWACO; M. Boodhai, Schlumberger

0900	123559	Reusing Recovered Base Oil from OBM Cuttings S. Kleppe, Thermtech AS
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0930	123519	The Feasibility Study of Replacing Oil Based Mud with More Environmentally Acceptable Paraffin Based System in Iranian Oil Fields A. Karimivajargah and K. Tahmasbi, Petroleum U. of Technology; N. Arsanjani, Pars Drilling Fluid
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Wednesday, 05 August, • 1030-1230 hours
Merak Room 3

PLENARY SESSION: GROWTH, CARE AND RESPONSIBILITY

Session Chairperson:

Budianto Renyut, Chevron Indonesia
Agustanzil Sjahroezah, Energi Mega Persada

Plenary Speakers:

- **Siti Fadilah Supari SP JP (K)**, Minister of Health, Indonesia
- **Sumarna Abdurrahman**, Vice Chairman, National Body of Professional Certification Indonesia (BNSP)
- **Elisabeth Proust**, President Director & General Manager, TOTAL E&P Indonesia
- **Waluyo**, Corporate Senior Vice President, General Affairs & Human Resources, PT Pertamina (Persero)
- Senior Executive from Hill & Associates (invited)

Wednesday, 05 August • 1400-1600 Hours
Merak Room 3

PANEL SESSION 3: CLEAN DEVELOPMENT MECHANISM (CARBON TRADE) ISSUES AND CHALLENGES

Session Chairperson:

Agustanzil Sjahroezah, Energi Mega Persada

Panelists:

- **Foo Say Moo**, Group Sustainable Development Dept., Group HSE Division, PETRONAS
- **Amanda Katili Niode**, Special Assistant to the Minister, Ministry of Environment Indonesia
- **Dwita Prihartono**, Chevron Geothermal Indonesia
- **Joko Susilo**, Environment Manager, PT Pertamina (Persero)
- **Hoang Van Thach**, Deputy General Manager, HSE Division, PetroVietnam

Wednesday, 05 August • 1400-1600 hours
Nuri Room 1

SESSION 5: CONTRACTOR SAFETY MANAGEMENT

Session Chairpersons:

Morris Kho, PETRONAS
Satrio Pratomo, Energi Mega Persada

Time	Paper	
1400	123795	Integrated Risk Base Contractor Safety Management I. Jatmika, BP West Java Ltd.

1430 124060 **The Effective Contractor Management in International Oil Cooperation**
X. Hou, Q. Zhang and X. Qu, China ZhenHua Oil Co.,Ltd; Z. Ma, CNPC

1500 123566 **Fundamental Safe Work Practices (FSWP) Assessment through FAsT Application in Chevron-Sumatera Operations**
M. Razi and R. Afrianty, PT Chevron Pacific Indonesia

1530 124039 **Creating Resilient Drilling Operations through Collective Learning**
T. Korsvold and B. Letnes, SINTEF; R. Rommetveit and S.I. Odegaard, eDrilling Solutions; M.C. Herbert, ConocoPhillips; J. Danielsen, KnowledgeCreation AS

Wednesday, 05 August • 1400-1600 hours
Nuri Room 2

SESSION 6: HEALTH MANAGEMENT

Session Chairpersons:

Surya Kumar, Shell Eastern Petroleum Pte. Ltd.
Elsye A. Safira, BP Indonesia

Time Paper
1400 123606 **Achieving ESHIA Outcomes on Fast Track Projects**
D. Snashall and A. Jackson, ERM

1430 120479 **Challenges in Provision of Emergency Medical Service at Offshore Locations - Experience of a Multinational Oil and Gas Company in Malaysia**
J. Bahrin, A.H. Mohamed and S. Kumar, Shell

1500 122380 **The Use of Voice-Recognition for Electronic Medical Records - A Personal Experience**
W.H. Kuo, Saudi Aramco

1530 122751 **Hearing Conservation Program in Oil and Gas Company**
A. Hadad, D. Cahyono, J. Susanto, E.W. Tjahjono, I.B. Ardhana Putra and B.U. Rianto, Total E&P Indonesia

Thursday, 06 August • 0830-1000 hours
Merak Room 3

PANEL SESSION 4: CONTRACTOR SAFETY

Session Chairpersons:

Morris Kho, PETRONAS
Satrio Pratomo, Energi Mega Persada

Panelists:

- **Iwan Jatmika**, Java HSE Manager, BP West Java Ltd.
- **John Karish**, Director – SHE, ENSCO Intl.
- **Sabri Bin Salleh**, PETRONAS Carigali Sdn. Bhd.
- **Gunawan Wiraatmaja**, QHSE Manager, Schlumberger

Thursday, 06 August • 0830-1000 hours

Nuri Room 1

SESSION 7: HAZARD IDENTIFICATION AND RISK MANAGEMENT

Session Chairpersons:

Maryuswan Marsid, Serica Energy Plc.
Nor Hashim Yusof, PETRONAS Carigali Sdn. Bhd.

Time Paper
0830 121094 **Anti-Collision Risk Management for Real World Well Placement**
B. Poedjono, C.P. Van, G.J. Lombardo and W.J. Phillips, Schlumberger

0900 123871 **Managing Safety & Risk Issues in Upstream Field Development - Case Studies**
C. Phang, J. Voon and C. Leong, Environmental Resources Management

0930 123669 **Safety Activity for Prevention of Human Error**
T. Hatakeyama, M.Saito and S. Ikeda, INPEX Corporation

Thursday, 06 August • 0830-1000 hours

Nuri Room 2

SESSION 8: ENVIRONMENTAL MANAGEMENT AND TECHNOLOGY

Session Chairpersons:

Foo Say Moo, PETRONAS
Deden Supardi, Chevron

Time Paper
0830 122724 **Reducing Environmental Risks to as Low as Reasonably Practicable in South East Asia**
P. Dennis, Premier Oil Plc.

0900 121333 **Proactive Approach to Environmental Responsibility in Product Development**
T.D. Welton and J.M. Cassidy, Halliburton

0930 123593 **Radioactive Sources in Petroleum Industry: Applications, Concerns and Alternatives**
A. Badruzzaman, S. Barnes, F.J. Bair and K.J. Grice, Chevron Energy Technology Co.

Thursday, 06 August • 1030-1230 hours

Merak Room 3

PANEL SESSION 5: IMPACT OF CLIMATE CHANGE ON HEALTH

Session Chairpersons:

Soedarmadji, Star Energy Indonesia
Abu Hasan Samad, ExxonMobil E&P Malaysia Inc.

Panelists:

- **Budi Haryanto**, Chairman of Dept. of Environment Health, School of Public Health, Senior Fellow of Center for Health Research, University of Indonesia
- **Tan Malaka**, Occupational Health Physician, Universitas Sriwijaya
- **Kyaw Win**, Emergency Health Assistance, WHO

Thursday, 06 August • 1030-1200 hours
Nuri Room 2

SESSION 9: OIL SPILL TECHNOLOGY AND MANAGEMENT

Session Chairpersons:

Declan O'Driscoll, Oil Spill Response Ltd.
Mohd Radzuan Yusof, PETRONAS Carigali Sdn Bhd

Time	Paper	
1030	122150	Key Issues and Operational Challenges in the Use of Dispersants Q. Quek, Oil Spill Response
1100	123628	Corporate Social Responsibility: Issue & Challenges for Transnational Oil Companies during Oil Spill Incidents S. Tan, Oil Spill Response
1130	123457	Safety Cultures - Pushing the Boundaries of Risk Assessment N. Lee, Oil Spill Response

Thursday, 06 August, • 1400-1530 hours
Merak Room 3

PANEL SESSION 6: CORPORATE SOCIAL RESPONSIBILITY (CSR) IN A SUSTAINABLE OIL & GAS INDUSTRY

Session Chairpersons:

Prijo Hutomo, Star Energy Indonesia
Declan O'Driscoll, Oil Spill Response Ltd.

Panelists:

- **Surya Darma**, PERTAMINA Geothermal Energy Ltd.
- **Emmanuel Garland**, Special Advisor, HSE Division, Total EP
- **Ahmad Kosasih**, President, WWF Indonesia

Thursday, 06 August, • 1400-1530 hours
Nuri Room 1

PANEL SESSION 7: LEADERSHIP & BEHAVIOUR

Session Chairpersons:

John Karish, ENSCO Intl.
Ash Stanley, Acergy

Panelists:

- **Rob Fisher**, Consultant
- **Mark Phillips**, Vice President – Indonesia, Halliburton
- **Srinivasan Ramabhadran**, Business Director - East Asia, DuPont Safety Resources

Thursday, 06 August, • 1400 to 1530 hours
Nuri Room 2

SESSION 10: HEALTHY WORKPLACE

Session Chairpersons:

Reinaldi M Nur Fattah, PT. Pertamina (Persero)
Wisprayogie, Chevron

Time	Paper	
1400	122527	Integrated Repetitive Stress Injury Prevention (RSIP) Program Implementation in IBU R. Ardiansyah and A. Wahyuni, Chevron

1430 122626 **Challenges in Managing Mercury in Malaysia**
M. Zainal Farid and M. Yusoff,
PETRONAS Carigali Sdn. Bhd.

1500 123437 **Making Friends with Your Computer - A Participatory Approach of Office Ergonomics Programme**
E. As Safira, M. Syamsu and
E. Darmawan, BP Indonesia

Thursday, 06 August, • 1530-1600 hours
Merak Room 3

CLOSING SESSION

Chairperson:

Emmanuel Garland, TOTAL E&P

The closing session will briefly highlight the 3-day conference programme. Dr. Emmanuel Garland will present result of recent survey relating to HSE improvements over the past ten (10) years.

POSTER SESSION

Posters will be on display throughout the conference at the Lower Lobby of the Jakarta Convention Centre. Poster authors will make formal presentation on **Wednesday afternoon, 5 August from 1600-1700 hours during the Poster Session Reception**. Conference delegates are encouraged to attend the poster presentation to meet authors in an informal and interactive environment to discuss various technical issues.

HEALTH

122372 Obesity and Employment
W.H. Kuo, Saudi Aramco

124173 A Novel Correlation for Estimation of Economic Thickness of Insulation for Process Pipeworks and Equipments
A. Bahadori, Curtin U. of Technology

SAFETY & SECURITY

121768 Investigation on Crude Oil Migration on Surface and Subsurface Environment: Impact and Solution
M. Amro and M.S. Benzagouta, King Saud U.

122388 Low Dosage, High Efficiency and Environment Friendly Inhibitors: A New Horizon in Gas Hydrates Mitigation in Production Systems
A.D. Punase and K. Kannan, Maharashtra Inst. of Technology

122661 Well Stimulation Operations in Offshore - Hazard Identification and Risk Management
A.K. Srivastava, S. Khandelia and S. Kumar, Oil & Natural Gas Corp. Ltd.

123908 Mitigation of Vapour Cloud Explosions Effects with Inhibitors
P. Hoorelbeke and D.A. Makharror, Total

ENVIRONMENT

122547 Responding to an Inland Oil Spill in Remote Areas
W. Tan, Oil Spill Response

122677 Characterisation of Biodiversity: A Multi-Technique Approach to Study Fish Diversity Associated with Off-Shore Platforms
F. Andaloro, P. Consoli, T. Romeo, E. Mostarda, E. Azzurro, ISPRA; M. Ferraro, Eni S.p.a.

122796 Hazardous Waste Dieposal Using Co-Processing
A. Rustamina, I. Sealy and G. Wiraatwaja, Schlumberger

122859 A Numerical Method for Prediction of Transport Properties of Carbon Dioxide
A. Bahadori, Curtin U. of Technology

122882 Prediction of Carbon Dioxide-Adsorption Isotherms for a Molecular Sieve
A. Bahadori, Curtin U. of Technology

123232 Research on the Application of Environment Acceptable Modified Natural Macromolecule Based Drilling Fluid
X. He and L. Zheng, China U. of Petroleum

123529 Proactive Measures in Accident Investigation for Oil Spill Response Activities
M. Clements, Oil Spill Response

125208 Technical & Social Issue of H2S Environment within Drilling & Operations of Oil & Gas Industry
S. Suyanto and Syaifudin, BPMIGAS; S. Umar, M. Lotong and A. Diana, JOB Pertamina PetroChina East Java