

TECHNICAL ORAL SESSIONS

Date/Time	Hall-3	Hall-4	Hall-5	Hall-6
TS-1 (OCT 15, 2012) 1400-1530 hrs	Safety Issues and Benchmarking in Operations	Energy- Options from Gas	Enhancing Refinery Margins	Deep & Ultra Deep Waters -Prospects & Outlook
TS-2 (OCT 15, 2012) 1600-1800 hrs	Pipeline Transportation and Flow Assurance	Hydrogen and Fuel Cell	Advances in Petroleum Refining	Geological & Geophysical Challenges and Emerging Technologies
TS-3 (OCT 16, 2012) 1415-1545 hrs	Talent Management	Unlocking Unconventional Gas Potential-CBM, UCG, Gas Hydrates	Refining/ Petrochemical Catalysts	Roadmap to Future Drilling Technologies
TS-4 (OCT 16, 2012) 1600-1800 hrs	Environmental issues & Strategic Responses	Biofuels- Technology Options	Petrochemical and Polymers	Mature field revitalization
TS-5 (OCT 17, 2012) 1230-1400 hrs	Energy Security and Climate Change	Solar Energy	Fuels and Lubricants	Shale Gas – Potential to Production

		Session No. :	TS - 1	
		Session Name:	Safety issues and Benchmarking in Operations	
		Date :	15th Oct 2012	
		Time :	1400-1530 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	3	
S.No	ID	Name	Paper Title	Organisation
1	1282	Mr. Umesh Dhake	A Vision for Process Safety in the Year 2020	Center for Chemical Process Safety (CCPS) AIChE
2	1287	Mr. Jim Bennett	Lessons Learned from Organisational Safety Maturity Benchmarking in the Energy Sector	KFV consulting
3	1313	Mr. Mark Taylor	Benchmarking in operations: A safety culture perspective	British Gas
4	1328	Mr. Giorgio Saletti	Safety issues in Upstream and Downstream Sector	RINA Services S.p.A
Standby	721	Mr. Ashok Balachandra Naik	Risk Management in E&P sector – Safety Case approach for Operations Integrity of Deep Water Development project	Reliance Industries Limited

		Session No. :	TS - 1	
		Session Name:	Energy- Options from Gas	
		Date :	15th Oct 2012	
		Time :	1400-1530 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	4	
S.No	ID	Name	Paper Title	Organisation
1	1303	Dr. R.R. Sonde	Primary solid fuel energy conversion to gas energy systems for meeting the energy needs of all strata of society: An example on “Mission Mode” project development	Research, Technology and Innovation Center (RTIC)

2	1314	Mr.Sugata Sarcar	Energy - Options from Gas	BGI
3	13	Mr. MD. ABDUS SATTAR	Exploring NGL and Ethane from Natural Gas to Help Flourish Petrochemical Industry	Petrobangla
4	139	Ms. G Hima Bharti	Comparative Study of LNG Vaporizers in India	Petronet Lng Ltd.
Standby	1159	Ms. Soni Singh	Benchmarking Analysis: Assessing the Best LNG Sourcing Option for India	Infraline Energy

		Session No. :	TS - 1	
		Session Name:	Enhancing Refinery Margins	
		Date :	15th Oct 2012	
		Time :	1400-1530 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	5	
S.No	ID	Name	Paper Title	Organisation
1	1285	Mr. Dalip Soni	INTEGRATE REFINING AND PETROCHEMICAL UNITS CONVERT RESUDE TO PROPYLENE	FCC Technology
2	152	Mr. Phil Anthony Hunt	Maximise Residue Conversion to Clean Fuels with the UOP Uniflex Process	UOP Limited
3	346	Mr. Dan Gillis	Unique Opportunities with Proven Technologies to Maximise Margins through Zero Residue Refining	Foster Wheeler Energy Limited
4	537	Mr. Elango Narendran	technological enhancements to the coke drum unheading	DeltaValve - Curtiss Wright Flow Control Company
5	1264	Mr. D Bhattacharya	INDALIN: A Novel Technology for Production of Petrochemical Feedstocks from Low Value Naphtha	IOCL R&D
Standby	1083	Mr. RAJU CHOPRA	NEW INNOVATIVE HPNA MANAGEMENT PROCESS TO ACHIEVE VIRTUALLY TOTAL CONVERSION IN A HYDROCRACKER	HALDOR TOPSOE INDIA

		Session No. :	TS - 1	
		Session Name:	Deep & Ultra Deep Waters Exploration - Prospects & Outlook	
		Date :	15th Oct 2012	
		Time :	1400-1530 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	6	
S.No	ID	Name	Paper Title	Organisation
1	1278	Mr. Lloyd Williams	Overcoming the Challenges of Deepwater Development	SHELL
2	1329	Mr. Ray Milne	The Development and Maintenance of an "Evergreen" Spill Response Capability in the Gulf of Mexico Post Macondo	Helix Energy Solutions Group, Inc
3	301	Mr. Rajeev Ranjan Kumar	Overpressure Mechanisms in Deep Drilling in Western Offshore India	Schlumberger
4	574	Mr. Arnab Ghosh	Petrophysical Characterization of Volcano-Clastic Sediments: Case Study from an Offshore Island-Arc Basin	Schlumberger
5	1103	Mrs. CHAITALI DUTTA	Interfacing "A Key Issue of Sub-sea Field Development	ONGC

		Session No. :	TS - 2	
		Session Name:	Pipeline Transportation and Flow Assurance	
		Date :	15th Oct 2012	
		Time :	1600-1800 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	3	
S.No	ID	Name	Paper Title	Organisation
1	1276	Mr. Peter M Roberts	Integrated Approach to Flow Assurance & Transportation	South Asia Gas Enterprise

2	130	Mr. Bibhuti Bhushan Prasad	Use of Drag Reducing Agent (DRA) - An energy efficient way for pipeline operations	IOCL
3	135	Mr. Ronald Campbell	Polymer Coatings for High Temperature Immersion Service in Process Vessels	Belzona Polymers Ltd
4	192	Mr. MAHESH SINGH RAUTELA	Field Trial of Paraffin Degrading Bacterial Consortium to alleviate the Paraffin Deposition in Oil Wells of Geleki, Assam- A Case History	ONGC
5	489	Mr. Siddhartha Mukhopadhyay	Development of next generation In-line Inspection Technologies	Bhabha Atomic Research Centre
6	1113	Dr. B D Yadav	Interface separator	IOCL
Standby	1089	Mr. Yogin Chandorkar	THE USE OF PULSED DC HOLIDAY DETECTORS FOR FIELD TESTING PIPELINE COATINGS	Aimil Ltd

		Session No. :	TS - 2	
		Session Name:	Hydrogen and Fuel Cell	
		Date :	15th Oct 2012	
		Time :	1600-1800 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	4	
S.No	ID	Name	Paper Title	Organisation
1	414	Prof. Suddhasatwa Basu	Development of direct hydrocarbon fuel cell	Indian Institute of Technology Delhi
2	1312	Mr. James Batchelor	Growing Demand for Energy – Challenges and Opportunities Galore	Intelligent Energy
3	1323	Dr. K.S. Dhathathreyan	Design , Development and Operational experience of Non-humidified PEMFC systems built with light weight bipolar plates	CFCT (Centre for Fuel Cell Technology)
4	1308	Mr. Peter Devlin	U.S. Department of Energy Hydrogen and Fuel Cells Overview	U.S. Department of Energy
5	1298	Mr. Alok Sharma	SINGLE STEP COMPACT STEAM METHANE REFORMING PROCESS FOR HYDROGEN-CNG (h-cng) PRODUCTION FROM NATURAL GAS	IOCL R&D
Standby	683	Dr. Sanjukta Subudhi	Hydrogen production during dark fermentation of mesophilic bacterial consortium TERI BH-05: Performance of a 100 liter scale H2 fermenter	THE ENERGY AND RESOURCES INSTITUTE

		Session No. :	TS - 2	
		Session Name:	Advances in Petroleum Refining	
		Date :	15th Oct 2012	
		Time :	1600-1800 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	5	
S.No	ID	Name	Paper Title	Organisation
1	1279	Mr. Ed D Daniels	THE DOWNSTREAM VALUE CHAIN AND THE CRITICAL ROLE OF INNOVATION & TECHNOLOGY FOR THE FUTURE OF ENERGY	SHELL
2	1292	Mr. Patrick Bourges	Latest Improvements in VGO based Hydrocracking Technologies	Axens India Pvt. Ltd
3	7	Dr. Matt Thundyil	Novel Approach to Claus based sulfur recovery	GTC Technology
4	111	Dr. John Dunleavy	Preventing the Most Common Environmental Excursions on the FCC	Intercat
5	740	Mr. Rahul R Pillai	Selective Processing Strategies for Maximizing FCC Light Cycle Oil Production	KBR
6	870	Mr. Mitch Hindman	METHANOL TO GASOLINE TECHNOLOGY	ExxonMobil Research and Engineering Company
Standby	314	Dr. Kedar Vasant Patwardhan	Future Reforming Technologies for Refinery Hydrogen Generation Units	Larsen & Toubro Limited

		Session No. :	TS - 2	
		Session Name:	G&G Challenges and Emerging Technologies	
		Date :	15th Oct 2012	
		Time :	1600-1800 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	6	
S.No	ID	Name	Paper Title	Organisation
1	1319	Mr. Somen Mishra	Petroleum System Modeling in Exploration for Unconventionals : the tool for evaluation of uncertainties and risk mitigation	Schlumberger Information Solutions, India
2	234	Mr. DHRUVENDRA SINGH	GENESIS AND HYDROCARBON POTENTIAL OF CARBONATE FILLED CHANNEL COMPLEXES ON CARBONATE RAMP: AN EXAMPLE FROM THE RATNAGIRI FORMATION (EARLY TO MIDDLE MIOCENE), BH-DCS SECTOR , BOMBAY OFFSHORE BASIN, INDIA	ONGC
3	466	Mr. Chandrashekhar Gote	Reservoir quality of the Eocene Carbonates in the Jaisalmer sub basin and Indus Basin	Fugro Robertson Limited
4	989	Ms. Rima Chatterjee	Lithology identification of coal bearing formations from Well Logs and gas production performance evaluation of CBM Reservoir, Jharia Coalfield, India	Indian School of Mines, Dhanbad
5	46	Mr. Mahendra Pratap	Value Addition Through New Technology - India's First Multi-Component (4C-3D) Ocean Bottom Node Seismic Survey Conducted in Mumbai High	ONGC

		Session No. :	TS - 3	
		Session Name:	Talent Management	
		Date :	16th Oct 2012	
		Time :	1415-1545 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	3	
S.No	ID	Name	Paper Title	Organisation
1	1286	Mr. Ashok Bhat	CHALLENGES IN DESIGNING AND IMPLEMENTING TALENT MANAGEMENT SYSTEMS	Mind share
2	1288	Mr. Roger Vanhoy	Corporate Partnerships in Higher Education	University of ILLINOIS
3	1294	Dr. Sanrupt Mishra	Challenges in Talent Acquisition and retention	Aditya Birla Management Corporation Pvt. Ltd.
4	1295	Dr. Rekha S. Pillai	US-India R&D Collaboration Strategy- Partnership as Leadership Paradigm	International S&T Program
Standby	501	Ms. Sujatha Kumar	Remote Collaboration - Innovation to overcome the challenges of our time	Honeywell

		Session No. :	TS - 3	
		Session Name:	Unlocking Unconventional Gas Potential (CBM, UCG, Gas Hydrates)	
		Date :	16th Oct 2012	
		Time :	1415-1545 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	4	
S.No	ID	Name	Paper Title	Organisation
1	1316	Mr. R.K. Sharma	Potential and Readiness of First UCG Project in India	ONGC
2	33	Mr. Faraaz Adil	Hydraulic Fracturing of CBM Wells in India Using a Unique Fracturing- Service Technology's Operational and Technological Lessons	Halliburton Co
3	261	Mr. Nayaz Ahmed Shafi	Fracturing deep CBM well hydraulically in Raniganj	ONGC

			block(West Bengal)-In pursuit of sustainable excellence in unconventional reservoir	
4	148	Mr. Gour Chandra Datta	A comparative study of Coalbed Methane prospectivity of the Eastern and Western parts of the North Karanpura CBM block, Jharkhand, India	ONGC

		Session No. :	TS - 3	
		Session Name:	Refining Petrochemical Catalysts	
		Date :	16th Oct 2012	
		Time :	1415-1545 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	5	
S.No	ID	Name	Paper Title	Organisation
1	1266	Mr. Vipin Goel	Advanced Resid Cracking Catalysts for Propylene Maximization	Grace Davison Refining Technologies
2	1267	Mr. Reinder van Bruggen	NEW LIFE CYCLE OPTIONS ARE AVAILABLE FOR HYDROPROCESSING CATALYSTS	Eure Cat France
3	656	Dr. Laxmi Narasimhan	Maximum Refining Flexibility And Performance Through State-Of-The-Art Hydroprocessing Catalysts And Advanced Catalyst Applications	Shell Technology Center, Bangalore
4	1299	Dr. Alex C Pullikottil	Advancement in DHDS catalyst technology for meeting clean fuel challenges	IOCL R&D
Standby	928	Mr. Mohit Anand	Jatropha-oil conversion to liquid hydrocarbon fuels using mesoporous titanosilicate supported sulfide catalysts	IIP Dehradun

		Session No. :	TS - 3	
		Session Name:	Roadmap to Future Drilling Technologies	
		Date :	16th Oct 2012	
		Time :	1415-1545 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	6	
S.No	ID	Name	Paper Title	Organisation
1	1274	Mr. S. Di Vincenzo	WAG injector wells, how intelligent completion technology could impact on project economics	Eni E&P
2	269	Mr. Parimal Arjun Patil	Modelling of drillstring torsional vibrations and analysis of stick-slip influencing parameters	TU Clausthal
3	1256	Mr. Budhindra Goswami	CONVENTION TAKES A BACK SEAT AT WELL NO:MORAN#8	Oil India Limited
4	1291	Dr. Daniel Bien	Hydrocarbon Base Fluids for Challenging Drilling Applications	ExxonMobil Chemical India Pvt Ltd
Standby	565	Mr. SANJAY KUMAR SINGH	Planning & Execution of ERD well (IP#12Z) for development of Basement and Basal Clastics of Mumbai High from Existing Platforms for augmentation of Production.	ONGC

		Session No. :	TS - 4	
		Session Name:	Environment issues and Strategic responses	
		Date :	16th Oct 2012	
		Time :	1600-1800 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	3	
S.No	ID	Name	Paper Title	Organisation
1	1289	Mr. Alan C. Lloyd	Strategic Responses to the Environmental Issues of Vehicles and Fuels in India	International Council on Clean Transportation
2	1325	Dr. Alberto Angelo Boti	Carbon Emission Reduction & Energy Conservation in Petroleum Refineries through Flare Gas Recovery	GARO S.p.A.
3	440	Mr. KAUSIK GHOSH	REDUCTION OF SOX EMISSION FROM	Engineers India Limited

		MAZUMDER	INDUSTRIAL FLUE GASES BY USING INDEGENEOUS SOR PROCESS	
4	694	Dr. RAKESH KRISHAN SURI	RECENT TRENDS IN ENVIRONMENTAL IMPACT ASSESSMENT AND MONITORING IN HYDROCARBON INDUSTRY	MINISTRY OF ENVIRONMENT & FORESTS
5	1230	Ms.Lucky Nurafiatin	Global Fuel Quality Outlook: towards a harmony	Hart Energy
Standby	1307	Dr. Manoj Upreti	Bio-Inoculant: A Cost Effective Solution for Enhancing the Efficiency of Refinery Effluent Treatment Plant	IOCL R&D

		Session No. :	TS - 4	
		Session Name:	Biofuels-Technology Options	
		Date :	16th Oct 2012	
		Time :	1600-1800 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	4	
S.No	ID	Name	Paper Title	Organisation
1	1271	Dr. K.K Pant	Green Catalytic Processes for the Conversion of Biomass Materials to Liquid fuels and Hydrogen	Department of Chemical Engineering
2	1272	Mr. Graham Rice	INEOS Bio: Providing Innovative and Tailored Biofuels Solutions	Ineos Technologies
3	780	Dr. Michael W. Stocker	Catalytic Conversion of Lignocellulosic Biomass: Potential of Porous Materials	SINTEF Materials and Chemistry
4	1273	Dr. Chandrashekhhar P. Joshi	Plant cell wall biotechnology for improved bioenergy production	lant Molecular Genetics
5	166	Dr. Anjan Ray	Expansion of the Refinery Pool through Biomass-derived Pyrolysis Oil	Envergent Technologies LLC, a Honeywell Company
6	549	Dr. Alan Del Paggio	IH2 Technology for Direct Production of Fungible Liquid Transportation Fuels from Lignocellulosic and Algal Biomass	CRI Catalyst Company
Standby	1014	Dr. S.K. Puri	Determination of Microbial Inhibitors in the Biomass Hydrolysate	IOCL R&D

		Session Name:	Petrochemical and Polymers	
		Date :	16th Oct 2012	
		Time :	1600-1800 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	5	
S.No	ID	Name	Paper Title	Organisation
1	1268	Prof. Lawrence R. Sita	Re-inventing Ziegler for the Commercialization of Precision Hydrocarbons and Specialty Petrochemicals	University of Maryland
2	1269	Dr Tine Rorvik	Leading Innovation in International Petrochemical Industry	Norner AS
3	1270	Dr Mei Gabriele	Polyolefins Process Technologies: novel polymer structures and enhanced property profiles”	LyondellBasell,
4	270	Mr. Ian Timothy Woodcock	Polymer and Fibre Technologies to meet India’s growing needs	INVISTA Performance Technologies
5	278	Mr. Bipin Vora	Technologies & Raw Materials for Petrochemicals- Opportunities & Threats	UOP Limited
6	531	Mr. Nicholas J Kim	Ole-SIV: advanced olefins-paraffins separation by adsorption in C4 separation, propylene splitting and ethylene recovery	SK-KBR Technologies
Standby	999	Mr. Joe Gentry	Maximizing Para-Xylene Production by Optimization of the Methyl Group	GTC Technology

		Session No. :	TS - 4	
		Session Name:	Mature field revitalization	
		Date :	16th Oct 2012	
		Time :	1600-1800 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	6	
S.No	ID	Name	Paper Title	Organisation
1	1306	Dr. Banwari Lal	Enhance oil recovery from oil wells by intervention of microbes	TERI
2	1275	Mr. Ramanathan Venkateshwaran	Mature field revitalization	Schlumberger
3	252	Dr. Rajesh Kumar	Brown Field Development of a Multilayered Carbonate Reservoir of Mumbai High Field	ONGC
4	1026	Dr. Ritu Gupta	Decision models for Water Production Mechanism Diagnosis Based on Water-Oil-Ratio Via Soft Computing Techniques	Curtin University
5	1290	Dr. Daniel Bien	Escaid™ PathFrac™ Fluid – A De-aromatized Hydrocarbon Designed to Meet Evolving Public, Regulatory and Environmental Expectations for Fracturing Fluid Formulations	ExxonMobil Chemical India Pvt Ltd
6	129	Mr. Atul Kumar Singh	Application of Surface Read out in Coiled Tubing application and Benefits in a routine Well Intervention	Cairn Energy India Limited

		Session No. :	TS - 5	
		Session Name:	Energy Security and Related Issues	
		Date :	17th Oct 2012	
		Time :	1230-1400 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	3	
S.No	ID	Name	Paper Title	Organisation
1	1327	Mr. Leonardo Brunori	Increasing Energy Security through Novel Technologies: FLNG, CNG, FSRU	RINA Services S.p.A
2	112	Mr. Sudhir Gupta	Creating Infrastructure to meet the Vulnerabilities of Supply Disruption Strategic Storage.	Indian Strategic Petroleum Reserves Ltd
3	149	Mr. Vasilij G Tarasovskiy	Energy management system. Challenges to the development and implementation	GCE Group
4	527	Mr. Gaurav Bansal	Costs and Benefits of Transitioning to Ultra-low Sulphur Fuels (ULSF) in India	ICCT
Standby	124	Prof. Balbir Singh Kaith	Selective removal of oil-spillage through graft copolymers of soy-protein fibres - A green technology for saving aquatic life	National Institute of Technology, Jalandhar (Pb.)

		Session No. :	TS - 5	
		Session Name:	Solar Energy	
		Date :	17th Oct 2012	
		Time :	1230-1400 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	4	
S.No	ID	Name	Paper Title	Organisation
1	1326	Mr. Tarun Kapoor		MNRE
2	1281	Prof. P K Kalra	Alternate Energy: Research Challenges	IIT Rajasthan
3	1305	Dr. Christopher Hebling	Mobility Solutions thru Solar Energy	Fraunhofer Institute for Solar Energy Systems

4	1310	Dr. Jacob Karni	Clean Fuel Production from Carbon Dioxide and Water Using Concentrated Solar Energy	Solar Facilities Research Unit Weizmann Institute of Science
Standby	393	Mr. BALBIR SINGH	TECHNO-ECONOMIC ANALYSIS FOR DEVELOPMENT OF SOLAR PONDS IN GANDHAR OIL FIELD FOR THERMAL USE.	ONGC

		Session No. :	TS - 5	
		Session Name:	Fuels and lubricants	
		Date :	17th Oct 2012	
		Time :	1230-1400 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	5	
S.No	ID	Name	Paper Title	Organisation
1	1280	Dr. Thomas Degnan	Lube Base Oil Slate: Industry Value and Key Needs	ExxonMobil Research & Engineering Company
2	1284	Mr. Srikanthan Rangarajan	Low Viscosity Lubricants for Improved Fuel Economy in Heavy Duty Engines while Maintaining Lubricant and Engine Durability	Chevron Oronite Pte Ltd
3	1300	Dr. Tinghong Tao	Fuels and Emissions Issues –Fuel Quality Allows Cost-Effective Emissions Solution	Corning
4	1297	Dr. S.K. Majumdar	Bridging the Paradoxes of Engine Oil Designs for Impacting Environment Friendliness	IOCL R&D
Standby	87	Dr. Reji Mathai	Evaluation of Engine and Lubricant Performance on a CNG Fueled Retrofitted Spark Ignition Engine	IOCL R&D

		Session Name:	Shale Gas – Potential to Production	
		Date :	17th Oct 2012	
		Time :	1230-1400 Hrs	
		Venue :	Vigyan Bhawan	
		Hall :	6	
S.No	ID	Name	Paper Title	Organisation
1	1296	Mr Chris Fredd	Technology and Integration Drive Efficiency in Shale Gas	Schlumberger
2	1320	Mr. Ram Shenoy	Unconventional Reservoirs Transform the North American Oil and Natural Gas Industry	Conoco Philips
3	134	Dr. Uday Turaga	Strategies to Monetize Shale Gas	ADI Analytics LLC
4	705	Dr. RAKESH KRISHAN SURI	ENVIRONMENTAL ISSUES REALTED TO SHALE GAS DEVELOPMENT	MINISTRY OF ENVIRONMENT & FORESTS
Standby	874	Mr. Goutam Roy	Hydrofracturing in shale formation in India:A pragmatic optimism	ONGC