

BIT's 1<sup>st</sup> Annual World Congress of

# **Petromicrobiology (WCP) 2010**

Theme: Challenges and Opportunities in Metagenomics EraTime: July 28-30,2010Venue: Dalian, China

## **Hightlights**

- 10-15 Distinguished Petroleum Microbiologists, Experts, Executives as Plenary Lecturers Worldwide
- 6 Parallel Tracks including 49 Sessions on the Cutting-edge Technologies of Petroleum Microbiology
- 200-300 Oral Presentations by Leading Experts and Scientists in the Field of Petroleum Microbiology to Cover Robust MEOR, and other Microbial Based Bio-products for E & P and Potential Applications
- 200+ Technological Posters and New Product Exhibitions or Showcases and Business Development Workshops
- 2-3 Cultural and Social Events
- Tech-Tour to experience the beauty of Dalian and Beijing

### **Exhibition and Poster**

The Exhibition provides a unique place where leading energy and petroleum companies, institutes, together with general suppliers of equipment and consumables can exhibit their products, technologies and services to a captive audience. Up to 100 leading companies and institutions will be able to reach an international community of up to 500 leading researchers, petroleum executives and technology transfer and service providers at WCP-2010



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**Co-organizers&Speakers** 

**Papers&Posters** 

**Media partners** 

Sponsors&Exhibitors



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**Petromicrobiology**(wcp-2010)

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Trac	ck 1: Basic Petroleum Microbiology	Track !	5: Microbial Induced Corrosion and Reservoir Souring Control
Track 1-1:	Trend of Modern Petroleum Microbiology	Track 5-1:	Advances in Control of Microbial Induced Corrosion (MIC)
Track 1-2:	Ecology and Diversity of Oil Reservoirs	Track 5-2:	Sulfate Reducing Bacteria: Sulfur Cycle Management and H2S Reduction
Track 1-3:	Biosphere, Lithosphere and Hydrosphere for Petroleum Microbial Habitat	Track 5-3: Track 5-4:	Nitrate Reducing Bacteria and it's Application Microbicides or Biocides Used to Control SF or MIC
Track 1-4:	Microbes as Catalysts of Petroleum Processes	Track 5-5:	Reservoir Souring Control and Engineering Process
Track 1-5: Track 1-6:	Strain Screening, Nutrients, and Optimizing Culture Conditions HSE, Monitoring, and Safety	Track	6: Bioremediation for Hydrocarbon Contaminated Environment
Track 2:	Control of Petroleum Microbes Petroleum Metagenomics	Track 6-1:	Bioremediation Molecular Biology and Protein Engineering
Track 2-1:	Reservoir Metagenomics and Ecosystems Biology	Track 6-3:	Bioremediation Bioremediation of Petroleum Contaminated
Track 2-2:	New Technologies in Petroleum Metagenomics	Track 6-4:	Bioremediation and Purification of Gaseous Effluents
IFACK 2-3:	Compatible Enzymes and Biomaterials via Metagenomics	Track 6-5:	Bioavailability and Biodegradation Mechanisms of Oil Contaminants
Track 2-4:	Efficient Metagenomics Data Processing and Applications	Track 6-6:	Anaerobic/Aerobic Biodegradation of Petroleum Hydrocarbons
Track 2-5:	Archaeal Metagenomics and its Implication in Reservoir	Track 6-7: Track 6-8:	Biodegradation of "BTEX" Hydrocarbons
Track 2-6:	Engineering Petroleum Metagenomics for Better Bioremediation of	Track 6-10:	Hydrocarbons and Nitroaromatic Compound Chlorinated Aromatic, Aliphatic Compounds and ETBE
	Environment	Track 6-11:	Nutrient Requirements for Bioremediation of Petroleum Contaminants
		Track 6-13:	Bioremediation Processes Combination of Chemical/Physical and
	maren	Track 6-14: Track 6-15:	Biological Remediation Bioreactor-based Processes and Bio-filtration Measuring and Monitoring Technologies of

Track 5: Microbial Induced Corrosion and				
Reservoir Souring Control				
ack 5-1:	Advances in Control of Microbial Induced			
	Corrosion (MIC)			
ack 5-2:	Sulfate Reducing Bacteria: Sulfur Cycle			
	Management and H2S Reduction			
ack 5-3:	Nitrate Reducing Bacteria and it's Applications			
ack 5-4:	Microbicides or Biocides Used to Control SRB			
	or MIC			
ack 5-5:	Reservoir Souring Control and Engineering			
	Process			
Track 6: Bioremediation for Hydrocarbon				
	Contaminated Environment			
ack 6-1:	Microbial Community and Dynamics During			
	Bioremediation			
ack 6-2:	Molecular Biology and Protein Engineering in			
	Bioremediation			
ack 6-3:	Bioremediation of Petroleum Contaminated			
	Soil and Water			
ack 6-4:	Bioremediation and Purification of Gaseous			
	Effluents			
ack 6-5:	Bioavailability and Biodegradation			
	Mechanisms of Oil Contaminants			
ack 6-6:	Anaerobic/Aerobic Biodegradation of			
	Petroleum Hydrocarbons			
ack 6-7:	Important Biotransformation in Bioremediation			
ack 6-8:	Biodegradation of "BTEX" Hydrocarbons			
ack 6-9:	Biodegradation of Polycyclic Aromatic			
	Hydrocarbons and Nitroaromatic Compounds			
ack 6-10:	Chlorinated Aromatic, Aliphatic Compounds,			
	and ETBE			
ack 6-11:	Nutrient Requirements for Bioremediation of			
	Petroleum Contaminants			
ack 6-12:	Designing and Engineering Microbial			
	Bioremediation Processes			
ack 6-13:	Combination of Chemical/Physical and			
	Biological Remediation			
аск 6-14:	Bioreactor-based Processes and Bio-filtration			

Bioremediation

Track 3: Petroleum Microorganisms for				
	Heavy OII E & P			
Track 3-1:	Geophysics and Geobiology of Heavy Oil			
	Reservoirs			
Track 3-2:	Mechanisms of Petroleum Microbes for			
	Heavy Oil Viscosity Reduction			
Track 3-3:	Conditions Impacting the Efficiency of			
	Microbes on Heavy Oil Recovery			
Track 3-4:	Petroleum Extremophiles of Heavy Oil			
	Degradation			
Track 3-5:	Improved Microbial Process for Heavy Oil			
	Recovery			
Track 4: Microbial Enhanced Oil Recovery				
Track 4-1:	Reservoir Screening and Microbial			
	Selections			
Track 4-2:	Chemistry in Microbial Enhanced Oil			
	Recovery			
Track 4-3:	Fluid Mechanics and Modeling in MEOR			
Track 4-4:	Engineering Issues of MEOR			
Track 4-5:	Inoculants Culturing and Fermentation			
	Processes			
Track 4-6:	Microbial Enhanced Hydraulic Fracturing			
Track 4-7:	Microbial Enhanced Matrix Acidizing			
Track 4-8:	Microbial Enhanced Water Flooding and			
	Production Enhancement			
Track 4-9:	Microbes in Ocean Oil Reservoir			
	Exploration			
Track 4-10:	Microbes for Selective Water Plugging			
Track 4-11:	Lab Evaluation and In Situ Engineering			
	Technologies			
Track 4-12:	Microbial Processes For			
	Recovering And Upgrading			
	Petroleum			



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	Time: July 28-30,2010	Venue: Dalian, China
	Benefits of Attending	Sponsorship Opportunities
$\diamond$ $\diamond$ $\diamond$	To Meet Face-to-face with the International Movers and Shakers in the Field of Petroleum Microbiology To Meet with Key Decision Marker around the World To Explore Business Opportunities in China and beyond To Spotlight Advanced Technologies and Their Scientific and Commercial Applications in Oil & Gas E & P To Take Advantage of the Conference's Captive Audience and Networking Opportunities within the Exhibition Hall	<ul> <li>Diamond Sponsor (1): US\$30,000</li> <li>Platinum Sponsor (1): US\$20,000</li> <li>Gold Sponsor (1): US\$15,000</li> <li>Silver Sponsor (1): US\$10,000</li> <li>Welcome Banquet (1): US\$10,000</li> <li>Keynote Forum Sponsors (4): US\$ 5000 each</li> <li>Session Sponsors (30): US\$ 6000 each</li> <li>Presenting Company Sponsors (8): US\$ 8000 each</li> <li>Luncheon Sponsors (3): US\$8,000 each</li> <li>Badge / Belt Sponsor (2): US\$ 5000 each</li> <li>Coffee Break (6): US\$ 5000 each</li> <li>Gifts (2): US\$ 5000 each</li> <li>Media Exchanges (20)</li> </ul>

#### **Tour in Dalian**

Dalian is in the southernmost point of Liaodong Peninsula; with the Yellow Sea to its east and the Bohai Sea to its west, an attractive coastal city and a major Chinese Port.

As China's mere northern ice-free harbor, Dalian has been a perpetual source of foreign government envy. Previously heavily influenced by Russia, Liaoning Province was part of Manchuria and possesses architecture and restaurants reflecting both it's Russian and Japanese heritage. With a population of some 5.4 million, it was named "Lion Mouth" in the early Tang Dynasty for its inaccessibility, and was settled in 1371, by troops sent by Zhu Yuanzhang - the emperor of Ming dynasty at Port of Lushun from Shandong.