WELCOME

INTRODUCTION

Building on the success of the last 4 years, The World Refining Association is pleased to announce that the 5th Annual Global Petrochemicals Conference will take place on 4 – 6 March 2008 in the Renaissance Dusseldorf Hotel, Germany.

The global map of the petrochemical industry is undergoing a significant change – whilst the Middle East countries still boast the advantage of having readily accessible feedstocks, India and China grow stronger by the day. Russia retains its industrial potential. Brazil adds to its petrochemical industry by venturing far beyond its borders. Eastern European companies look to compete with the continent's major players. Western Europe and North America are currently leading the way to advanced petrochemicals.

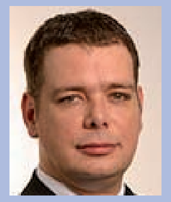
The conference will look at the current situation of the petrochemical market as well as the emergence of new technologies and alternative feedstocks, creation of self-sufficient, low-cost production facilities, demand for creating storage fields, industry rationalisation, supply and demand issues, investment strategies and opportunities, impact of high oil prices, refinery integration and the latest in technological advances.

Bringing together key players from across the globe, this timely event will provide outstanding networking opportunities. This is your chance to meet with leading industry experts and decision makers who can make a difference to your business.

SOME OF THE SPEAKERS YOU WILL MEET

Jose Luciano
Corporate Vice President for Hydrocarbons and Enegy
DOW

Jose Ricardo Roriz Coelho
Chief Executive Officer
SUZANO PETROQUIMICA



Laszlo Piry
Deputy Chief Executive Officer
TVK, MOL GROUP

Gerd Loebert,
Group Vice President
BASF

Hesham Raafat
Chief Executive Officer
ORIENTAL PETROCHEMICALS

Rajeev Pandia
Vice Chairman and Managing Director
SI GROUP

Meinolf Kersting
Vice President, Sales and Marketing, Olefins Polimerisation
SUD CHEMIE

Bjoerg Otte
Head of Instruments
BP GELSENKIRCHEN, Germany

Horst Kubek
Vice President
LKW-WALTER INTERANTIONAL AG, Austria

GLOBAL PETROCHEMICALS 2008 CONFERENCE 5TH ANNUAL MEETING

4 – 6 MARCH 2008, DUSSELDORF, GERMANY

PRE CONFERENCE WORKSHOP - AROMATICS

TUESDAY 4 MARCH 2008

Overview:
Benzene prices and margins have been at exceptional levels for 3 years. Due to global tightness of refining capacity it is likely that this situation will continue for a few more years. There are, however, a number of changes on the horizon which could considerably shake the market from 2010 onwards.
Paraxylene pricing will influence benzene pricing ever more as disproportionation economics grow in significance. Toluene and xylenes' prices are supported in the near term by gasoline economics, but overloading in PTA and PET in Asia creates strain on pricing and margins which will have a global impact.

9:00 OPENING WELCOME ADDRESS AND BUSINESS CARD EXCHANGE

9:10 **SESSION ONE: AROMATICS FEEDSTOCKS AND TECHNOLOGY**

- Feedstocks and Petrochemical Industry - refined products, alternative uses for naphtha, the role of gasoline, LPG as a fuel and feedstock, natural gas and the valiability to ethane, integration of aromatics plant with the refinery.
- Aromatics Technology - process descriptions, flow schemes and products, the refinery as a source of aromatics, benzene extraction, benzene and higher aromatics from pyrolysis gasoline.
- Aromatics from Olefin Production - aromatics from pyrolysis gasoline, extraction and dealkylation, alternative sources of aromatics, benzene and higher aromatics markets, valuation of aromatics.

10:30 COFFEE BREAK

11:00 **SESSION TWO: AROMATICS PRICING, MARKETS AND ECONOMICS**

- Aromatics Pricing - pricing strategy, margins, price mechanisms, price formulae, price ratios, external references with particular reference to ethylene and propylene pricing.
- Aromatics Economics - the choice of feedstock, effect of feedstock on co-product yields, relative feedstock economics, regional economics and the importance of low value feedstocks.
- Markets and Economics of Derivatives - production and markets for toulene, xylenes and benzene derivatives, production costs and dependence on ethylene costs, the importance of integration.

12:30 LUNCH

SITE VISIT

The Global Petrochemicals 2008 Conference will be coupled with a site visit to a nearby petrochemical plant. Last year's delegates had a chance to visit BASF's plant in Ludwigshafen, a meeting that proved a great success for both our delegates and BASF.
Attendees on the site visit will learn first hand about the technology and production methods that have been implemented at the site in order to provide innovative solutions for today's petrochemical industry.

13:30 DEPARTURE

14:30 ARRIVAL AT THE PLANT

Delegates at the site visit to SABIC plant in 2006

Delegates at the site visit to BASF plant in 2007

19:00 PRE - CONFERENCE WELCOME RECEPTION

WHO SHOULD ATTEND?

- Presidents, Vice Presidents, Managing Directors
- Business Development Directors and Managers
- Business Strategy Directors and Managers
- Technology Directors and Managers
- Licensing Directors and Managers
- Plant and Operation Directors and Managers
- Supply Chain Managers
- Product Managers
- Area Sales Managers

DAY ONE: WEDNESDAY 5 MARCH 2008

08:00 REGISTRATION AND COFFEE

09:00 OPENING WELCOME ADDRESS AND BUSINESS CARD EXCHANGE

09:10 **SESSION ONE: STRATEGIC OPTIONS FOR PETROCHEMICAL PRODUCERS - INTERNATIONAL CO-OPERATION AS A WAY OF KEEPING ABREAST WITH THE MARKET**

- Understanding the complexities of a global business network. Choosing the right long-term strategies as a way to monitor the market and control company position.
- International co-operation - building strong, long-term and mutually beneficial partnerships in the petrochemicals sector.
- Measurements and checkpoints to evolve collaboration into a winning partnership – case study
- Developing a platform for collaboration - aligning objectives, assigning risk allocation and ownership, being proactive in a high demand volatility and high risk environment.
- Petrochemical industry after 2010 - will it become the world leader in eco-technologies?

10:30 COFFEE BREAK

11:00 **SESSION TWO: THE PETROCHEMICAL INDUSTRY IN THE MIDDLE EAST, ASIA, SOUTH AMERICA AND AFRICA -TRENDS, CHALLENGES AND OPPORTUNITIES**

- Petrochemicals in India – the new government policy on Petroleum, Chemical and Petrochemicals Investment Regions as a next step to develop the Indian economy by adding new capacity to the existing base of oil refining, polymers and other petrochemicals.
- Impact of cost increase and shortage of resources on the petrochemical landscape.
- Petrochemical industry in North Africa and the Middle East - new world scale petrochemical projects – case study.
- Striving towards ultimate elimination of hydrocarbon flaring – case study.

12:30 LUNCH

14:00 **SESSION THREE: THE PETROCHEMICAL INDUSTRY IN EUROPE AND NORTH AMERICA - TRENDS, CHALLENGES AND OPPORTUNITIES**

- The petrochemical industry in the CEE region - the Hungarian way.
- Growing competition within the CEE region.
- Long-term potential of assets and infrastructure in Western Europe.
- European refining margins - analysing the sector's growth, its potential and the challenges it faces - extension on existing plants vs creation of new plants, searching for new capacities, changes in demand.
- Crackers in Europe and USA staying competitive - successful upgrades and revamps – case study.
- The future of the US petrochemical industry.

15:30 COFFEE BREAK

16:00 **SESSION FOUR: LOGISTICS IN THE PETROCHEMICAL SECTOR**

- The role of storage capabilities and pipelines as a remedy against growing prices of oil and gas.
- Shipping and logistics challenges - rail development issues, road transportation safety, marine security - developing flexible and responsible supply chain strategies through engineering and streamlining internal and external co-operation - delivery services expectations, new business models.
- The Hazardous and Noxious Substances Convention's impact on moving products.
- Bulk liquid petrochemicals – identifying, mitigating and managing internal and external supply chain risks. Responding to emergencies through business continuity, addressing internal threats, vendor/supplier failures as well as demand spikes and negative customer trends by shortening your supply chain.
- Managing the unforeseen in complex supply chains and mastering uncertainties with adaptive supply chain networks. Segmenting the petrochemical business to deliver value, reduce vulnerabilities and maximise business opportunities.

17:30 CLOSE OF DAY TWO

WHY YOU SHOULD ATTEND

HEAR the latest issues on market trends and future forecasts for the sector.

DISCUSS issues of common concern

SHARE your thoughts with a high-level audience of petrochemical producers, technology and service providers, decision and policymakers.

MEET your peers for 3 days of networking

DAY TWO: THURSDAY 6 MARCH 2008

08:30 REGISTRATION AND COFFEE

09:00 **SESSION FIVE: AN OVERVIEW OF ADVANCED FEEDSTOCKS AND NEW TECHNOLOGIES**

- Advanced feedstocks - gas to olefins, coal to petrochemicals, dimethyl ether/methanol-to-olefin (DMTO) technique, DME, propylene and synfuels.
- Feedstock flexibility and availability until 2020 and structure development - is the feedstock cut down certain? Gearing up to meet the challenge.
- New feedstock options (gas, naphtha, condensates) and their performance in steam cracking.
- The usage of high value by-products – benzene, butadiene, propylene.
- The influence of choice of feedstocks on investment location.
- New sulphur recovery technologies for petrochemical plants.

10:30 COFFEE BREAK

11:00 **SESSION SIX: THE GLOBAL OUTLOOK FOR THE OLEFINS AND POLYOLEFINS SECTOR AND NEW TECHNOLOGIES**

- SUD-CHEMIE's C-Max catalysts for PP – adding value through technology and services.
- The changing face of the olefins and polyolefins markets - olefins derivative market update - India, China and the Middle East – demand and supply, sustaining the trade growth.
- Shifting trade patterns and interplay between olefins and aromatics.
- Olefin and polyolefins technology – update on the latest technology and catalyst developments.
- New process technologies for polypropylene, olefins, linear Alpha-olefins, dehydrogenation of light paraffins and dehydration of butanediol from butane for a high value intermediate.
- Increasing olefin production and profits - high value chain for pygas upgrading, reactor performance optimisation, catalyst combinations, cycle length and diolefin conversion improvement.

12:30 LUNCH

14:00 **SESSION SEVEN: THE GLOBAL OUTLOOK FOR THE AROMATICS AND POLYMERS SECTOR AND NEW TECHNOLOGIES**

- Aromatics – Reliance perspective
- Aromatic capacities within the Middle East region - the Middle East potential to become a new supplier.
- Chinese aromatics and polymers sector – will it really drive the regional demand?
- The expansion of aromatics projects in China, Japan and the Middle East – feedstock issues.
- Increasing prices of toluene and mixed xylene as a replacement for MTBE.
- Novel materials with improved performance. Market issues and their applications: bio-related polymers, advanced polymer gels, high performance polymers, synthetic rubbers and carbon black and green polymers.

15:30 COFFEE BREAK

16:00 **SESSION EIGHT: REFINERY AND PETROCHEMICAL INTEGRATION AND NEW TECHNOLOGIES**

- Focused information drives performance improvement at BP Gelsenkirchen Refinery – case study.
- Improving petrochemical operations and achieving operational excellence by means of IT - case study.
- The criteria for successful integration as a means to minimising investment costs.
- The integration of crackers into petrochemical complexes as a way of reducing production costs.
- Ethane feedstock restrictions leading to increasing added value per ton ethylene. Growing interest in propylene and derivatives.
- Lowering the costs of utilities, feedstock allocation and regular supply, improved access to technologies and markets. Gaining potential for future growth and synergy with other projects in the area.
- The rigorous approach to refinery and petrochemical integration – the tools to ensure refinery margins and minimum environmental impact, optimising new refinery investments, effective asset care programmes – case study.

17:30 CLOSE OF CONFERENCE

Panel question and answer discussions will follow each session

EARLY CONFIRMED SPEAKERS INCLUDE

- **Rajeev Pandia,** Vice Chairman and Managing Director, SI GROUP, India
- **Fouad Mag,** Vice President Process and Technology, FLUOR, USA
- **Heinz Zimmermann,** Vice President Business Development, LINDE ENGINEERING
- **Ruben Gil,** Director Chemical Industry Marketing, ASPENTECH
- **Gerd Loebbert,** Group Vice President, BASF, Germany
- **Andrew Sparshott,** Director Russia, CIREC
- **Partha Pratim Maitra,** President, Planning and Business Development, RELIANCE INDUSTRIES, India
- **Meinolf Kersting,** Vice President, Sales and Marketing, Olefins Polimerisation, SUD CHEMIE
- **Laszlo Piry,** Deputy Chief Executive Officer, TVK, MOL GROUP, Hungary
- **Juan Luciano,** Corporate Vice President for Hydrocarbons and Energy, DOW, USA
- **Mustafa M.F. Al Jarrah,** Director General, MINISTRY OF INDUSTRY AND MINERALS, Iraq
- **Jose Ricardo Roriz Coelho,** Chief Executive Officer, SUZANO PETROQUIMICA, Brazil
- **Horst Kubek,** Vice President, LKW-WALTER INTERANTIONAL AG, Austria
- **Hesham Raafat,** Chief Executive Officer, ORIENTAL PETROCHEMICALS, Egypt
- **Peter Trabold,** Head of Petrochemicals, LURGI
- **Martin Brown,** Principal Consultant, ABB ENGINEERING SERVICES
- **Dietlinde Jakobi,** General Manager, Metallurgical Services and Technical Marketing, SCHIMDT AND CLEMENS
- **Andrew Spiers,** Vice President, Chemicals, NEXANT CHEM SYSTEMS
- **George Adcock,** Plastic Market Development Executive, LONDON METAL EXCHANGE
- **Theodore Theodoropoulos,** Head, Financial Analysis and Reporting, QATAR PETROLEUM
- **Dennis Leong,** Global Business Development Director, AKER KVAERNER PROCESS
- **Bjoerg Otte,** Head of Instruments, BP GELSENKIRCHEN, Germany
- **Victor Soloviev,** Business Development Manager, Petrochemicals, Russia and CIS, SHELL GLOBAL SOLUTIONS, Russia
- **Sapan Ray,** Senior Executive, RELIANCE INDUSTRIES, India
- **Mansaru Kani,** Executive Consultant, MITSUBISHI CHEMICAL TECHNO-RESEARCH CORPORATION, Japan
- **Marcus Hesse,** Regional Licensing Manager Middle East, Russia, Africa, Central Europe, INEOS TECHNOLOGIES, UK

ARE YOU INTERESTED IN SPEAKING AT THIS EVENT?

Please contact:

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GLOBAL PETROCHEMICALS 2008 CONFERENCE
4-6 MARCH 2008

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☐ I wish to order ___ delegate places for the Global Petrochemicals 2008 Conference

Conference only:	£995.00	$2239.00	€1592.00
Conference and workshop:	£1390.00	$3128.00	€2224.00

Please reserve my attendance to the Site Visit on 4 March ☐

EXCHANGE RATES ARE SUBJECT TO FLUCTUATION

DELEGATE DETAILS

Title	First Name(s)	Surname	Job Title	Delegate Email
Dr/Mr/ Mrs/Ms				
Dr/Mr/ Mrs/Ms				
Dr/Mr/ Mrs/Ms				

Company Name	
Nature Of Business	
Address	
Country	Postcode
Tel	Fax
Chief Executive Officer	General Manager Petrochemicals, Refining
President Petrochemicals, Refining	Head of Petrochemicals
Head of Aromatics/ Olefins/ Polyolefins	

ADMINISTRATION DETAILS

ACCOUNTS PAYABLE CONTACT

Title	First Name	Surname	Tel	Email

I confirm I have read The World Refining Association terms & conditions (see back of brochure) and confirm acceptance of these conditions. Please note your registration cannot be processed without your acceptance of our terms. ☐

PAYMENT DETAILS

Please tick your chosen method of Payment

I am paying by Bank Transfer ☐

I am paying by Credit Card ☐ VISA ☐ MASTERCARD ☐ AMEX

Credit Card Number: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Issue No ☐☐ Expiry Date: ☐☐ ☐☐ IBAN No: ☐☐☐☐ ☐☐☐

Name and Address of Card Holder (if different to company address) ____________

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I am unable to attend but wish to purchase the proceedings at ☐ £400 ☐ $900 ☐ €640

PAYMENT – TERMS AND CONDITIONS

Confirmation
Our official confirmation, invoice and hotel booking details will be emailed to you within three days of receiving your registration.

Payment
Payment of the full delegate fee is due 14 days after the invoice date, or immediately, if the registration is made within one month of the event. Our invoice will show your registration fee in three currencies: UK Pounds, Euros and US Dollars. Our full bank account details are on the invoice. Please note your booking is valid only after full payment is received. We recommend you check with your Finance Department that payment has been made before traveling to the Conference.

Cancellations
Made one month prior to the start of the conference will be refunded less a 50% administrative charge. Refund(s) will be made after the conference. Made within one month of the start date of the conference will receive no refund. Substitutes are acceptable at any time.

Force Majeure
Please note that in the case of force majeure, The World Refining Association is relieved of all obligations. Force majeure includes any circumstance beyond the will of The World Refining Association, that impedes permanent or temporary compliance with the obligations, such as "acts of god" including war, danger of war, government regulations, revolts, strikes, transportation difficulties, fire, or severe disturbances affecting the congress organisation or its suppliers.

ADMINISTRATION – TERMS AND CONDITIONS

Official Venue and Hotel Accommodation
Renaissance Düsseldorf Hotel, Noerdlicher Zubringer 6, Düsseldorf, 40470 Germany, Phone +49 211 62 16 0, Fax +49 211 62 16 666. The cost of the hotel accommodation is not included in the conference fee. The World Refining Association has negotiated preferential rates at the hotel from the 3rd – 8th March (single room €116 per room per night including service charge and VAT) for delegates attending this event. Please contact Natasha Harwood via email on n.harwood@theenergyexchange.co.uk for details on how to make your reservation.

Registration Fee
The registration fee covers attendance at all sessions, refreshments, lunches, receptions and documentation containing the speaker presentations. Please note it may be necessary to alter the content or timing of the programme or its speakers.

Language
The official conference language will be English.

Customer Services
For questions concerning your registration, attendance, visa support and invoice payments, please contact our Customer Services Department, Tel: +44 (0)1242 529 090, Fax: +44 (0)1242 582 157.

THE VENUE

The Renaissance Düsseldorf Hotel is located by the Rhine River in a city which provides a cultural center full of renowned theatres, galleries and museums and it is also a city of antiquities from stately mansions to Germany's largest Old Town. There are 250 restaurants and pubs to choose from just 4 kilometers away from the hotel. This gives you the opportunity to explore the different tastes the city has to offer. The hotel has beautifully appointed guest rooms offering both comfort and elegant touches, as well as providing the business traveller with high-speed internet connection and an equipped business centre.

The hotel offers two restaurants including Restaurant Summertime which provides cuisine of international specialties and if you enjoy swimming there is a roof top pool which provides panoramic views of the city. Reduced rate hotel accommodation has been arranged for participants of the conference.

SPONSOR AND EXHIBITOR OPPORTUNITIES

If your company is active within the petrochemicals sector, this is the ideal opportunity to raise your company's profile. Located centrally within our registration and dedicated social networking foyer, exhibitors will have the opportunity to meet with clients and perform working demonstrations of technology products, raising their profile within the region.

Limited sponsor and exhibitor packages are still available benefits of which include:
- Dedicated space in the exhibition and networking area
- Complimentary delegate places
- Full-page colour advertisement in the conference documentation
- Your company logo on the official conference website

EARLY CONFIRMED SPONSORS AND EXHIBITORS INCLUDE:

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FOR FURTHER INFORMATION ON SPONSOR AND EXHIBITOR PACKAGES PLEASE CONTACT:

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5TH ANNUAL MEETING



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EVENT SPONSORED BY

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KEY CONTRIBUTIONS

Jose Ricardo Roriz Coelho
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Group Vice President
BASF, Germany

Mustafa M. F. Al Jarrah
Director General
MINISTRY OF INDUSTRY AND MINERALS, Iraq

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