



# Moscow Refining, Gas & Petrochemicals Week 2016



ORGANISED BY



Euro Petroleum Consultants

20 years

SHARING KNOWLEDGE, SHAPING BUSINESS

19 & 23 September · Moscow · Lotte Hotel

## Challenges & Opportunities for Russian Gas, Refining & Petrochemical Sectors in this Changing Environment

**GTCC 2016** - Russia & CIS Gas to Chemicals Conference  
19 & 20 September 2016

- Overview Gas Markets
- Update on Projects
- Syngas, Methanol
- Methanol to Olefins & Gasoline
- Ammonia & Urea
- Mini GTL

**RPTC 2016** - 15th Russia & CIS Petrochemicals Technology Conference & Exhibition  
20 & 21 September 2016

- Overview Petrochemical Markets
- Update on Major Projects
- New Technology Solutions for Olefins, Polyolefins, Aromatics & Derivatives

**RRTC 2016** - 16th Russia & CIS Refining Technology Conference & Exhibition  
22 & 23 September 2016

- Overview Markets
- Update Major Projects
- Operational Excellence
- New Technology Developments Clean Fuels Resid Upgrading

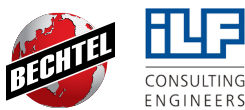
### SPONSORS



Shell Global Solutions



### SPEAKERS



Special Feature: Pre-RPTC EXXONMOBIL & KBR TECHNOLOGY SEMINAR  
20 September 2016



Register at [www.MW2016.biz](http://www.MW2016.biz)

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## Moscow Refining, Gas & Petrochemicals Week 2016

19 & 23 SEPTEMBER, MOSCOW,  
LOTTE HOTEL

### What people say about our conferences



*Positive impression as always. Speakers and topics are chosen carefully and professionally, presentations are of the best quality, and sessions are well formed. Many thanks to the organisers.*

**I. Vasilyev, GASPROM NEFT**

*An important event which has become a good tradition. The only known conference of such high level.*

**A. Domracheva,  
BASHNEFT-UFANEFTECHIM**

*This conference is unique. It gives you an idea on new industry trends as well as an opportunity to meet many key people. The only forum which gathers active representatives of the refining and petrochemical industries in Russia & CIS countries.*

**M. Getmanov,  
LINDE ENGINEERING**

*The best event among others, traditionally gathering the expert community from Russia and worldwide to discuss the current development trends of refineries and petrochemical complexes.*

**I. Aranovich,  
GTC TECHNOLOGY**

*I would like to thank the conference organisers for an opportunity to learn about modern and highly efficient technologies of ethylene, polyolefin, acrylic acid and its derivatives production.*

**A. Grats,  
NIZHNEKAMSKNEFTEKHIM**

*The conference is traditionally carried out at the highest level.*

**D. Kuzmichev, SIBUR**



# Welcome to Moscow Week 2016



**Dear Colleagues,**

Euro Petroleum Consultants (EPC) are celebrating our 20 Anniversary this year. We would like to take this opportunity to thank all the companies that we have worked with over the past 20 years and we look forward to continued cooperation in these challenging times in Russia and CIS Countries.

EPC are pleased to present the programme for the upcoming Moscow Week conferences which will take place during the week of September 19th.

As usual the conferences are dedicated to the Downstream Sectors of Oil Refining and Petrochemicals in Russia and CIS countries.

Refiners and Petrochemical producers in Russia continue to face many challenges in the present climate related to low crude oil prices, limited access to capital, uncertain political situations and, for these reasons, companies need to reevaluate their investment plans to prioritise the implementation of their projects.

There is now a strong focus on "import substitution" and, where possible, the maximisation of local content and the use of alternate suppliers from countries such as India, China and South Korea. It will be important to fully understand the implications of any risks associated with use of suppliers with limited experience in critical services. However, there is a real opportunity to increase the proportion of local Engineering services, equipment supply and Construction services.

This year at Moscow week we shall be organising 3 Conferences:

- GTCC - Gas to Chemicals Conference;
- RPTC 2016 - Russia and CIS Petrochemicals Conference and;
- RRTC 2016 - Russia and CIS Refining Conference

Important issues such as Gas Monetisation, Development of Petrochemicals sector in Russia and Upgrading the Refining Sector will be addressed during the three events of Moscow Week which will give delegates a better understanding of the challenges and opportunities that this region offers.

We look forward to welcoming you to Moscow Week where we will bring together major Gas Producers, Refiners and Petrochemical Producers with Licensors, Contractors, Equipment Suppliers, Consultants etc. to exchange ideas and opinions on critical market and technology issues.

**Best regards,  
Colin Chapman, President, Euro Petroleum Consultants**

## About the Organiser

**Euro Petroleum Consultants (EPC)** is a leading independent consulting company for the downstream Oil, Gas & Petrochemical sectors.

Our mission is to act as Client Project Engineer (CPE) providing expertise, advice and support during all stages of project development, including Feasibility Studies, Masterplans, Technology Selection, PMC Services, Start-Up Support and Operations Management.

We also act as Consultant to major Banks to provide technical supervision for the projects they have financed.

EPC has over 20 years of consulting experience spanning all regions; Russia & CIS, Caspian region, Middle East, Europe and Africa.

### RECENT PROJECTS:

- **LUKOIL NNOS** – FCC & HF Alkylation Complex (PMC)
- **FORTEINVEST** – Refinery Expansion (Technical advisor)
- **AFIPSKY REFINERY** – Technical Consultant to Bank for Major Refinery Upgrade Project
- **SOCAR** – Urea Complex & Polypropylene Project (PMC)
- **MOZYR REFINERY** – Octane Complex (PMC)
- **SALAVATNEFTEORGSIINTEZ** – Technical Consultant, Acrylic Acid Project
- **SONARA CAMEROON** - Refinery Expansion (PMC)



Euro Petroleum Consultants

**20 years**

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[www.europetro.com](http://www.europetro.com)

Contact us at:

[consulting@europetro.com](mailto:consulting@europetro.com)





# Marketing Opportunities

Euro Petroleum Consultants (EPC) long-standing relationship with many key operating companies means that we are able to facilitate introductions and assist with setting up meetings for our sponsors and exhibitors. We stand out with our personalised service and go one step further to ensure that your experience with us is a valuable one.

## SPONSORING

We offer two types of sponsorship packages: Branding packages and Hospitality / Networking packages. Whether you choose to have your logo on the conference Event Guide, Lanyards or Notebooks or prefer to host a Welcome Reception, Coffee Break or Lunch, becoming a Sponsor will give you a high profile before, during and after the event. Additional tailor-made benefits include extra delegate places and complimentary advertising and exhibition space. Our sponsorship packages are flexible to meet your needs and budgets.

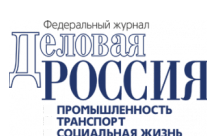
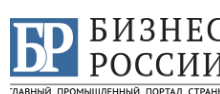
## EXHIBITING

Participation in the exhibition will allow you to increase your brand awareness, promote your products and services, meet new clients and establish fruitful contacts with a large number of delegates. The exhibition is organised in closed proximity to the conference hall. All coffee breaks are held in the exhibition area, which guarantees 100% attendance at the stands.

An exhibition stand package includes:

- One delegate place
- Space for your own display
- Your company logo on the event homepage with a link to your official website
- Company profile in the conference Event Guide
- Opportunity to be introduced to decision makers of interest

supporters and media partners



## How to contact us



Euro Petroleum Consultants

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Russia, 117246

E: moscow@europetro.com  
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**9:00 REGISTRATION & WELCOME COFFEE sponsored by **

**9:30 OPENING REMARKS**

**Colin Chapman, President, EURO PETROLEUM CONSULTANTS**

## SESSION 1: RUSSIAN GAS INDUSTRY DEVELOPMENT

### Overview of the Russian Gas industry Current Condition:

- Challenges & Opportunities
- Strategic Priorities in the Current Macroeconomic Environment
- Development Forecast: Will Russia Manage to Keep Leading Position in the Gas Market?

**Valentin Kotlomin, Director, Strategic Studies & Downstream Economics, EURO PETROLEUM CONSULTANTS**

### Completed & Potential LUKOIL's Gas Monetisation Projects

**Akhmed Gurbanov, Senior Manager of NG Procurement Department, LUKOIL**

### SPECIAL PRESENTATION: New Russian Technologies of Synthesis Gas Production & its Conversion to Olefins, Fuels & Synthetic Oil:

- The Liquid Hydrocarbon Technology via Syngas & Dimethyl Ester (DME)
- The Key Figures of the Direct DME (a Substitute of Gas & Diesel Fuels)
- Results on a Unique Fischer-Tropsch Synthesis (FTS) Technology on Nanosize Catalysts in a Slurry Reactor

**Salambek Khadzhiev, General Director / Anton Maksimov, Deputy General Director, INSTITUTE OF PETROCHEMICAL SYNTHESIS**

### Amur Gas Processing Plant

**Speakers invited: NIPIGAS (SIBUR), LINDE**

**NETWORKING COFFEE  
BREAK sponsored by**



## SESSION 2: GAS PREPARATION & PROCESSING

### Results of Mild Steam Reformer Pilot Testing at Gazprom Neft Facilities:

- "Mild Steam Reforming" for Associated Petroleum Gas (APG) Conversion to Methane is Based on Russian Academy of Science (IK SO RAN) Technology
- The Technology is Implemented at Industrial-Pilot Unit at Gazpromneft-Vostok Field
- The Converted Gas after MSR Containing 75-90% of Methane Can be Used as a Fuel for Gas Piston & Gas Turbine Generators

**Artem Vlasov, Chief Research & Development Specialist, Gas Project Support Department, GAZPROM NEFT NTC**

### Gas Treatment Plants: Dehydration, Desulphurisation & CO2 Removal. Their Challenging Application for Associated Gas in Russian Oil Fields:

- Introduction / Overview on State-of-the-Art Gas Treatment Processes
- Overview on Associated Gas Utilization in Russia: Potential, Current & Legislation
- Case Studies for Successful Applications Including CAPEX Figures

**Dr. Chandrasekhar Ramakrishnan, Managing Director, ILF**

### LUNCH

## SESSION 3: GAS CONVERSION TO AMMONIA, UREA & NPK-FERTILIZERS

### Projects of National Chemical Group at the Far East Senior Representative, NATIONAL CHEMICAL GROUP

### Intensification of Ammonia Production

**Aleksandr Isachenkov, Head of Production Directorate Modernisation & Renovation Department, URALCHEM**

**Speakers invited: TECHNIP, KT-KINETICS TECHNOLOGY**

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BREAK sponsored by**



## SESSION 4: GAS CONVERSION TO METHANOL & DERIVATIVES

### The Importance of Licensor Support in Selecting & Implementing Technology

**John Rogers, Global Licensing Manager, Polymers, EXXONMOBIL**

### Air Liquide Methanol Production Technologies

**Siva Ariyapadi, Director, Technology Licensing, AIR LIQUIDE**

### New Methanol Projects in Russia

**Speakers invited: SHCHEKINOAZOT, TOMET, SIBMETACHIM, METAFRAKS**

**18:00 PRE-DINNER COCKTAIL JOINTLY HELD WITH THE RPTC WELCOME COCKTAIL**

\* To be confirmed

Sponsors:







8:30 MORNING COFFEE & NETWORKING sponsored by **ExxonMobil**

## SESSION 5: MTG, MTO & GTG TECHNOLOGIES

**ExxonMobil Methanol to Gasoline**  
Mitch Hindman, Global Licensing Manager, Synthetic Fuels,  
EXXONMOBIL

**New MTO Technology Developments & their  
Implementation Case Studies\***  
Senior Representative, UOP

**Application of Haldor Topsoe Flexible Gas to Chemicals  
Technologies in Projects in Russia & CIS**  
Senior Representative, HALDOR TOPSOE

**NETWORKING COFFEE  
BREAK** sponsored by

**ExxonMobil**

## SESSION 6: GTL TECHNOLOGIES

**Commissioning of the First Commercial GTL Plant - Benefits  
of INFRA Technology:**

- INFRA Technology Economic Indicators
- Production of Premium Products of Natural & Associated Gas
- Experience in Design, Procurement & Construction of GTL Plant
- INFRA Technology Markets

Dmitry Popov, Deputy General Director, INFRA

**Cost Effective Syngas Generation for Small Scale GTL Plants**  
Peter Neumann, Managing Director, CALORIC

**New GTL Technologies**  
Speakers invited: AXENS, JOHNSON MATTHEY, VELOSYS

**13:00 NETWORKING LUNCH JOINTLY HELD WITH  
THE RPTC DELEGATES**

**14:00 END OF GTCC 2016**

\* To be confirmed

## What people say about our conferences:



*Despite the global economic recession, the Forum is perfectly organized including participation of the leading refineries.*

V. Osintsev, **BASHNEFT-UFANEFTCHIM**

*A very useful conference as always!*

F. Lundy, **AXENS**

*Perfect organisation, business meetings with reliable partners, the current situation assessment, discussion of development prospects, sharing new ideas, and stay at a comfortable hotel – during all three days of the EPC Forum. Thank you!*

S. Koshelyuk, **UKRTANAFTA**

*A highly useful event format to exchange views and receive an update on technologies, projects and current climate.*

M. Valkovsky, **Haldor Topsoe**

*A highly needed event in the current climate of challenges, risks and uncertainties existing in the oil refining sector. Traditionally high level of organization and up-to-date topics.*

V. Danilevich, **MOZYR REFINERY**

*Excellent selection of the papers, primarily by the criteria of relevance at the moment. Good organisation and a properly chosen conference venue. A professionally composed list of participants.*

S. Pasokhin, **ALBEMARLE CATALYSTS**

*A highly useful event, I plan to participate next year again!*

Z. Jaward, **TECHNIP**

*An immaculately organised conference providing a unique opportunity for networking with the existing and potential customers in Russia.*

K. Potochnik, **BADGER LICENSING**

*I would like to thank the organisers for traditionally high level of their regular conferences and improvement of the format helping to exchange views and obtain up-to-date information on ongoing projects.*

B. Dubok, **TITAN GC**

Sponsors:

**Honeywell**  
UOP

**ExxonMobil**

**ILF**  
CONSULTING  
ENGINEERS

**13:00 REGISTRATION & WELCOME COFFEE**

**14:00 OPENING REMARKS** Colin Chapman, President, EURO PETROLEUM CONSULTANTS (EPC)

## SESSION 1: PETROCHEMICALS INDUSTRY OVERVIEW & MARKET TRENDS IN RUSSIA & WORLDWIDE

### The Outlook for Petrochemicals in a Low Crude Oil Environment & the Impact on the CIS Region

Senior Consultant, IHS

### More than 50 Years of Petrochemical & Downstream Catalyst Development

Mark Healey, Global Sales Manager, Chemical Technologies, EXXONMOBIL

### Petrochemicals Market in Russia:

- Current Condition of Key Producers
- Trends & Development Prospects
- Import Substitution: a Myth or Reality?

Valentin Kotlomin, Director, Strategic Studies & Downstream Economics, EURO PETROLEUM CONSULTANTS

**NETWORKING COFFEE BREAK**  
hosted by



## SESSION 2: UPDATE ON PROJECT TECHNOLOGY & MARKET DEVELOPMENTS

### SPECIAL PRESENTATION: How SABIC Adopts to Changes in the Global Petrochemical Market:

- Technology & Innovation Capacity
- Actions & Assessments to Adopt to the Changing Market Conditions
- Technologies Available for Licensing

Michiel de Kock, Licensing Manager, Global Licensing, Technology & Innovation, SABIC

### Improving Plant Reliability Through Effective Technical Support

Juan Henao, Chemicals Licensing Technical Support Supervisor, EXXONMOBIL

### Oil-to-Chemicals - Holy Grail or Poisoned Chalice:

- Ways of Conversion & Modification of Fuels Producing Refinery to Produce Base Petrochemicals to Increase Profitability
- Reliability Issues. Variety of Petrochemical Product Slate With Crude Type
- Case Study Analysis - the Impact of Different Oil-to-Chemicals Configurations on Gross Margin

Jelle Ernst Oude Lenferink, Process Engineering Manager, FLUOR

### BECHTEL Advanced Technologies for Increasing Production Profitability

Irina Spiridonova, Branch Manager, BECHTEL

**18:00 Gala Cocktail**  
hosted by



**8:30 MORNING COFFEE & NETWORKING**

## SESSION 3: UPDATE ON OLEFINS TECHNOLOGIES

### Innovative Technologies for Olefins Production:\*

- Increasing Operational Margins
- Modernization of Existing Units
- Latest Catalysts Developments

Speakers invited: CB&I, TECHNIP, LINDE, KBR, AXENS, LURGI

### Oxidative Coupling of Methane: Kinetics, Technologies & Economics

Vadim Menschikov, Head of Laboratory, VNIIOS

### Aromatics & Pypolysis Gasoline Hydrogenation Catalysys

Sergey Abramov, Commercial Manager, Russia & CIS, CRI

### New Technology Solutions for Olefins

Senior Representative, KBR

**NETWORKING COFFEE BREAK**  
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Sponsors:



## SESSION 4: UPDATE ON POLYOLEFINS TECHNOLOGIES

### New Developments to Enhance Petrochemical Value Chain:

- Opportunities & Challenges in Current Oil Environment
- 5th Generation Spheripol – Latest Developments to Form the Benchmark PP Process
- Lupotech - Outperforming Competition by Economy & Efficiency

**Senior Representative, LYONDELLBASEL**

### Borstar® PP Process Technology Along with New Innovations for PP:

- Borstar® PP - Cost-Efficient Multimodal Process for Highly Differentiated PP
- Borealis Sirius Catalyst Technology - Key Enabler for Products with Superior Properties in the Borstar Process
- Superior PP Products for e.g. Automotive, Medical & Film Applications

**Tarja Korvenoja, Licensing Manager, BOREALIS**

### Advanced Technologies & Solutions

**Yury Golubev, Commercial Director, UNIVATION TECHNOLOGIES**

### Polyolefins & Plastics Production – Modern Approaches:

- Feedstock Supply
- New Generation Catalysts Specifications
- Polystyrene and ABS Plastics
- Polycarbonates

**Speakers invited: XYTEL India, TECHNIMONT, ABB NOVOLEN**

### LUNCH

## SESSION 5: AROMATICS TECHNOLOGIES DEVELOPMENTS - REFINING & PETROCHEMICALS INTEGRATION. Part 1

### Modernization of Pygas Processing Facilities:

- Improved Technology for Enhancing the Economics of Pygas Processing Facilities to Recover High Value Added Products
- Successful Implementation at Various Locations, Case Studies for Revamp & Grassroots Units
- Catalyst Versatility, Technology Yield, Modes of Application, Relative CAPEX & OPEX

**Ilya Aranovich, Global Licensing Manager, GTC TECHNOLOGY**

### ExxonMobil Zeolite Catalyst Fundamentals – a Commitment to Excellence

**Kathy Keville, Catalyst Development and Manufacturing Support Manager, EXXONMOBIL**

### Latest Updates on Technology & Catalysts Developments for Modern Aromatics Complexes

**Senior Representative, UOP**

### Advanced Technologies to Upgrade Phenolics & Styrenics Plants

**Senior Representative, BADGER LICENSING**

**NETWORKING COFFEE BREAK**  
hosted by



## SESSION 6: AROMATICS TECHNOLOGIES DEVELOPMENTS - REFINING & PETROCHEMICALS INTEGRATION. Part 2

### Commercialization of Advanced Alkylation Catalyst

**Vijay Nanda, Licensing Manager, Ethylbenzene, EXXONMOBIL**

### New Technologies for Cost-Efficient Paraxylene Production

**Dr. Ernst Köhler, Global Product Manager Aromatics, CLARIANT**

### BP's Advantaged PTA Technology

**Vivek Sharma, Licensing Account Manager, Petrochemicals, BP INDIA SERVICES PRIVATE**

### Experience of Koch-Glitsch High Capacity & High Performance Products Application for Absorption Processes in Petrochemical Industry

**Pavel Zhelvis, CEO Moscow Representative Office, KOCH-GLITSCH**

## PRODUCERS' PANEL SESSION

**Speakers invited: ROSNEFT, SIBUR, LUKOIL, KAZANORGSINTEZ, GAZPROM NEFTECHIM SALAVAT, NIZHNEKAMSKNEFTECHIM, SOCAR, KAZMUNAYGAS, BASHNEFT, TITAN, POLYMIR**

**18:00 FAREWELL DRINKS**

**19:00 END of RPTC 2016**

\* To be confirmed

Sponsors:



**ExxonMobil**





**8:30 REGISTRATION & WELCOME COFFEE** sponsored by

**ExxonMobil**

**9:00 OPENING REMARKS**

**Colin Chapman, President, EURO PETROLEUM CONSULTANTS (EPC)**

## SESSION 1: INDUSTRY OVERVIEW & MARKET TRENDS IN RUSSIA & WORLDWIDE

### Oil Products Market in Russia & CIS:

- Current Condition of Petrochemical Industry in the Region
- Production & Investment Strategies of Key Players
- Impact of Macroeconomic Environment on Consumption

**Valentin Kotlomin, Director, Strategic Studies & Downstream Economics, EURO PETROLEUM CONSULTANTS**

### Global Refinery Products Market Outlook & Industry Trends & their Impact on the Russia & CIS Industry

**Andrew Inglis, Managing Consultant, NEXANT**

### Challenges of New Refining Technology Implementation at Russian Refineries

**Vladimir Kapustin, General Director, VNIPIPET**

### Main Trends of the Russian Refining Industry Future Development

**Denis Borisov, Director, Moscow Oil & Gas Center, EY**

### NETWORKING COFFEE BREAK

sponsored by

**ExxonMobil**

## SESSION 2: REFINING PROJECTS OVERVIEW

### Development of Energy Security Concept in the Current Environment:

- Rising Oil & Gas Prices Highlighted Energy Security Issues as the Key Ones
- A Certain Infrastructure for Urgent Response to Events & Mitigating Effects of the Potential Risks is Required
- Possible Elements of the Institutional Infrastructure are Proposed

**Alexey Kuchaeu, Director Venture Projects Department, NEW STREAM - ANTIPINSKY REFINERY**

### Novokuybishev Refinery Upgrading Stages:

- Start-up of Catalytic Reforming (CCR) & Temperature Isomerisation PGI/DIG (Deisohexaniser)-280 Units
- Construction of Hydrocracking Complex
- Engineering Design of Delayed Coking Unit (1.5 mln. tpa) & CDU/VDU (2 mln. tpa)

**Maxim Artemenko, Technical Director, ROSNEFT - NOVOKUIBYSHEVSKY REFINERY**

### Lukoil Neftochim Burgas H-Oil Complex: Challenges & Achievements Of a Complex Technology Project Under EPC LSTK Contract:

- Key Factors For a Successful Project
- Implementation of a Large, Technologically Complex Project Under an EPC LSTK Contract
- Review of Respective Expectations & Achievements From Both Client's & Contractor's Point of View

**Sergey Andronov, Chairman of the Board, LUKOIL NEFTOCHIM BURGAS / Stefano Polimeni, Project Director, TECHNIP**

### Sulfuric Acid Alkylation Unit Revamp - the Results & Key Learnings of Cooperation of Omsk Refinery & Dupont as a Licensor

**Senior Representatives, DUPONT / GAZPROMNEFT - OMSK REFINERY**

### LUNCH

## SESSION 3: CLEAN FUELS TECHNOLOGIES. Part 1

### Successful Operation of First ALKYCLEAN® Solid Acid Alkylation Unit:

- Joint Technology of CB&I & Albemarle - the Most Environmentally Advanced Processing Option to Produce Alkylate, One of the Most Favored Octane Blending Components in the Refining Industry
- AlkyClean Technology – the Only Demonstrated Technology for Solid Acid Alkylation With Confirmed Superior Performance of the Process
- Technology Was Licensed & the Shandong Wonfull Petrochemical Group Plant in China Was Successfully Started-Up

**Maurice Korpelshoek, Technology Marketing Director, CB&I**

### Optimized & Clean Gasoline Pool Through Agility of Licensing

**Senior Representative, AXENS**

### Technology Innovation for Producing High Octane Gasoline:

- Integration of Catalyst Science & Reaction Engineering Innovation to Create Energy Efficient Solutions
- Low Cost Alternatives for High-Quality Gasoline Blendstock Production

**Ian Elgey, Director, Refining Technology, KRB TECHNOLOGY**

### ExxonMobil Fuels Technology Portfolio

**Louis Burns, Global Licensing Manager - Fuels, EXXONMOBIL**

### NETWORKING COFFEE BREAK

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**ExxonMobil**

Sponsors:

**Honeywell**  
UOP

**Axens**  
IPPT Group Technologies

**ExxonMobil**



Shell Global Solutions



**CRITERION**  
CATALYSTS & TECHNOLOGIES

Part of your business  
**WIKAL**  
GATESCO  
Temperature Specialists

**KBR**  
TECHNOLOGY

## SESSION 4: CLEAN FUELS TECHNOLOGIES. Part 2

### JSC SIE Neftehim New Technology Projects for Production of High Quality Gasolines:

- Global Oil Crisis does not Affect Environmental Requirements to Oil Refining Products. Joint Stock Company Scientific Industrial Enterprise Neftehim has been Specializing for Two Decades in Development & Implementation of Technologies for Naphtha Processing Intended to Produce High Quality Gasolines
- A Number of New Isomerization Projects has been Implemented in Russia and China in 2016, a Number of Overseas Projects are being Prepared for Implementation at the Moment
- C5-C6-fractions Isomerization Technologies (Isomalk-2), N-butane Isomerisation (Isomalk-3) & C7-fraction Isomerization (Isomalk-4)

**Alexander Shakun, General Director,  
NPP NEFTECHIM**

### Coker Distillate Upgrading - From Treating at Existing Hydrotreaters to Construction of Grassroots Dedicates Units

**Aleksandra Kiseleva, Technical Service Engineer, Refinery Department, Haldor Topsoe**

### SPECIAL PRESENTATION: GT-BTX Plus® – Generating Aromatics from FCC Gasoline:

- An Enhanced Aromatics Recovery Process to Upgrade a Raffinate Product to a Premium Gasoline Blend for Use as Petrochemical Feedstock

- Application of Proven Extractive Distillation Technology to Rebalance Refinery Production

**Ilya Aranovich, Global Licensing Manager, GTC TECHNOLOGY**

**Speakers invited: CRITERION CATASYSTS & TECHNOLOGIOES, AIR LIQUIDE**

**18:00 Pre-Dinner Cocktail  
hosted by**



## DAY 2: Friday, September 23



**8:30 MORNING COFFEE & NETWORKING**

## SESSION 5: FCC & TERMAL PROCESSES

### A Fast-Track Approach to Upgrade an FCC Unit:

- How to Improve Product Yields & Increase Profitability
- How Maintenance Challenges Were Avoided
- Project Execution Strategy to Reduce Overall Schedule, Including Close Collaboration Between the Refiner & Licensor

**Senior Representative, UOP**

### FLEXICOKING™ Technology – Maximizing Energy Integration

**Evguenia Copley, Strategic Account Manager – Russia & CIS, EXXONMOBIL**

### Mitigation of the Safety Hazards Unique to Delayed Coker Units \*

**Irina Spiridonova, Branch Manager, BECHTEL / Senior Representative, HEURTEY PETROCHEM**

### SPECIAL PRESENTATION

**Senior Representative, KBR**

### NETWORKING COFFEE BREAK

## SESSION 6: UPDATE ON CATALYSTS & TECHNOLOGIES FOR MIDDLE DISTILLATES & LUBES PRODUCTION

### Technologies & Catalysts for High-Pressure Hydrotreatment of Primary & Secondary Petroleum Feedstock. Case Study: Fuel Oil Production

**Victor Tomin, General Director, ROSNEFT-ANGARSK CATALYSTS & ORGANIC SYNTHESIS PLANT**

### Overview of Russian Catalyst Market:

- Overview of Catalyst Market in Russia & CIS
- Key Catalytic Technologies, Expertise in Application of the Technologies at Russian Refining Facilities
- Opportunities for Catalyst Import-substitution, Market Development Perspectives

**Dmitry Sidorov, Project Manager,  
EURO PETROLEUM CONSULTANTS**

### Latest Developments in Middle Distillates Hydroprocessing

**Senior Representative, AXENS**

### Implementation of Shell Licensed Iso-dewaxing Process Using Criterion Platinum-based Catalyst at Slavneft-YANOS Refinery

**Senior Representative, SHELL GLOBAL SOLUTIONS**

### ExxonMobil Lubes Technology – Advances in Catalytic Processing

**Sylvain Hantzer, Global Licensing Manager - Lubes, EXXONMOBIL**

### LUNCH

## SESSION 7: EQUIPMENT INNOVATIONS & INCREASING RELIABILITY

### Application of New Technologies for Modernisation & Expansion of Refineries and Petrochemical Complexes:

- Compliance of Modernisation Programmes with Current Priorities & Future Requirements
- Compliance with Environmental Emission Standards & Final Product Quality Requirements (Euro 5.6)
- Compliance with the Russian Federation Specifications Applicable for Modernisation & Upgrade of Production Facilities

**Andrey Chernyshev, Head of Refining Department,  
PALL CORPORATION**

### Science behind Furnace Tubeskin Temperature Measurement Optimisation

**Senior Representative, WIKA**

### Experience of Koch-Glitsch Products Implementation to Improve Efficiency of FCC-units

**Pavel Zhelvis, CEO Moscow Representative Office, KOCH-GLITSCH**

## PANEL SESSION DISCUSSION

### Optimisation & Continuous Improvement Opportunities & Challenges

**17:00 FAREWELL DRINKS**

**18:00 END of RRTC 2016**

\* To be confirmed

# NETWORKING EVENTS



We recognise the importance of networking as well as engaging in the conference sessions. With this in mind we have maximised the opportunities for delegate interaction and invite you to participate in the options listed here.

**MONDAY 19 SEPTEMBER, 18:00-20:00**

## GTCC Pre-Dinner Cocktail

Join us at the end of the first day of GTCC for an informal networking reception joint with RPTC delegates.

**TUESDAY 20 SEPTEMBER, 18:00-20:00**

**RPTC Gala-Cocktail, sponsored by**

**ExxonMobil**

Join your fellow Delegates at the end of the first day of the conference for a Gala Evening

**WEDNESDAY 21 SEPTEMBER, 18:00-19:00**

## RRTC Welcome Reception

A chance to pre-register for RRTC and meet your fellow Delegates, who attended RPTC whilst enjoying refreshments in a relaxed environment.

**THURSDAY 22 SEPTEMBER, 18:00-20:00**

## RRTC Pre-Dinner Cocktail

Join us at the end of the first day of RRTC for an informal networking reception.

**FRIDAY 23 SEPTEMBER, 17:00-18:00**

## MOSCOW REFINING, GAS & PETROCHEMICALS FAREWELL COCKTAIL

## The Venue



**Lotte Hotel** Moscow is one of the newest and arguably the most luxurious 5\* hotels in Moscow. Ideally located between the New Arbat, the financial and shopping center of Moscow and the Old Arbat Street - one of the city's most famous tourist historical streets and just a stone's throw away from the Red Square, the Kremlin Palace, and the Bolshoi Theater.

### LOTTE OFFERS:

- Elegant, spacious and high tech equipped rooms with fantastic views to downtown Moscow
- A beautiful Atrium Garden with small pond, trees and sitting area is located on the 4th floor of the hotel

- Two restaurants including a Three star Michelin French Restaurant and award-winning Japanese restaurant
- An impressive colour therapy swimming pool and Mandara Spa
- Free wi-fi throughout the hotel





**Operational Excellence in Refining, Gas & Petrochemicals Conference - Op-Ex Russia & CIS 2016** – will highlight the issues of operational costs optimization and increasing plant profitability in current market conditions. Key topics of OpEx 2016 conference:

**Key Topics to be Covered:**

- Energy Efficiency as a Key Element of OE Process
- Advanced Technologies and IT Systems for Improving Reliability and Efficiency
- Cost and Process Optimisation
- Operational Availability
- Production Planning and Scheduling
- Development and Implementation of Continuous Improvement System
- Risk Management / Asset Management
- Reliability and Maintenance, Increasing the Turnaround Cycle
- Procurement and Supply
- OE Corporate Culture Development, Organisation of the Process and Training
- Effective Contractor Management
- OE Level Evaluation and Measurement (KPI), Audit and Benchmarking

For more detailed information regarding the conference please contact with Ekaterina Kalinenko: [Ekaterina\\_Kalinenko@europetro.com](mailto:Ekaterina_Kalinenko@europetro.com), +7 495 517 77 09



**Russia & CIS Oil & Gas Executive Summit, February 2017**

The Summit will provide the highest level of in-depth analyses of industry markets, latest updates and forecasts of possible scenarios of industry development that would help the market participants to make informed decisions based on a number of tangible factors that would be discussed during conference.

**Key Topics to be Covered:**

- Oil, Gas and Refining Industry Market Trends
- Caspian Region and Iran – Industry Development and Impact on International Markets
- Russia & Central Asia Markets. Cooperation in these Regions
- Ensuring Sustainable Business Strategy and Continuous Improvement Programme Implementation
- Overview of On-going & Planned Modernisation Projects
- Import Substitution Objectives and Opportunities in the Industry
- Long-Term Strategic Planning in the Current Market Environment
- Objectives and Solutions of Project Financing: Requirements to Debtors
- Managing Major Projects
- Strategies Associated with Commercial Operations. Opportunities to Enter New Markets

For more detailed information regarding the conference please contact with Maria Zaytseva: [Maria\\_Zaytseva@europetro.com](mailto:Maria_Zaytseva@europetro.com), +7 495 517 77 09



The 12th edition of **RusBBTC** will provide updates on the technology innovations and examples of proven implemented technologies for increasing conversion and will give an insight on the industry's future development plans.

**Key Topics to be Covered:**

- Main Drivers to Implement Bottom of Barrel Complexes in Russia & World-wide
- Latest Update on Slurry Hydrocracking Processes – Development Perspectives, Risks & Opportunities
- The Latest Catalysts for Fixed Bed and Ebullating Bed Residue Hydroprocesses – Development & Implementation Results
- Thermal Processes – Coker Domination but what are the Other Options? Flexicoking, Visbreaking, Gasification?
- FCC- Approved Technologies Increasing Economic Efficiency
- Residue Upgrading & Power Generation Integration Opportunities
- Hydrogen, Sulphur & Energy Balances – Integration & Optimisation
- Bituminous Oils & Coal Processing to Liquids
- Special Equipment & Tools
- Overview of the Main Residue Upgrading Projects in Russia & CIS

For more detailed information regarding the conference please contact with Ekaterina Shatunova: [Ekaterina\\_Shatunova@europetro.com](mailto:Ekaterina_Shatunova@europetro.com), +7 495 517 77 09

## Specialised Oil & Gas Training Seminars

Industry expertise of our trainers allowed them to develop more than **30 practical Training Seminars** for **specialists and leaders** in Oil, Gas and Petrochemicals.



Training Seminars organised by Euro Petroleum Consultants are being attended by representatives of the following companies: Rosneft, Gazprom, Gazprom neft, Bashneft, Shell, Lukoil, Russneft, ExxonMobil Chemicals, Surgutneftegaz, KazMunayGaz, FortInvest, Honeywell, Tatneft, Yamal LNG, TAKREER, Borouge, Albemarle Catalysts, BP, CB&I, Heurtey Petrochem, TITAN GC, SIBUR, TAIF NK, SOCAR, Azerikimya, Saudi Aramco, Belarusneft and others.

Our trainers are recognized within the industry **experts, they possess long-term technical and managerial experience in major international companies**. In-house training courses can be tailored by the consultants of EPC in Russia and CIS according to the specific requirements of the clients and attendees qualification.

**Course types:** public / multi-client and corporate in-house seminars.

**Training seminars cover a variety of key subjects:**

- Operational Efficiency
- Project Management
- Health, Safety and Environment
- Oil, Gas and Petrochemicals Masterclasses
- Investment Planning/Master Planning

Please send your request for participation, in-house seminars and questions to: [seminars@europetro.com](mailto:seminars@europetro.com)

