



ORGANIZATION OF ARAB PETROLEUM EXPORTING COUNTRIES (OAPEC)

IFP



# **The Importance of Conversion Processes in Oil Refining and their Role in the Production of Clean Fuels**

## **OAPEC-IFP JOINT SEMINAR**

*IFP - Rueil-Malmaison*

*20-22 June 2006*

IFP and the OAPEC jointly organize a regular international seminar dealing with world oil-related problems currently making the headlines.

This seminar is open to oil and gas company specialists, service companies, research centers and independents.

Recent price pressure on crude oil and oil products is linked to a deficit of upstream (oil production) and downstream (oil refining) capacities to fill demand resulting from a lack of investments over an extended period of time. In addition, oil derived product specifications are changing to conform to the needs of advanced automobile engines and to drastically reduce emissions.

The 2006 seminar will focus on the downstream conversion technologies most suited to meeting the demand for distillate products, and the refinery improvements needed to adapt existing facilities to manufacture products that meet future marketing requirements.

The program will address the following main topics:

- oil refining outlook 2020;
- quality of Arabian crudes;
- world petroleum products demand assessment and specifications on a region-by-region basis up to 2020;
- mechanisms and main factors influencing the price difference between various crudes;
- upgrading heavier crudes: strategy, technologies, economics assessments and targeted markets;
- adapting existing OAPEC refineries to produce Euro V grade products: key factors;
- how to capture higher value from lower valued crudes?

## **About IFP**

IFP is a research and industrial development, training and information services center active in the fields of oil and gas, their uses (in particular by vehicles), and new energy and environmental technologies (production of fuels from biomass, synfuels, hydrogen, the capture and storage of CO<sub>2</sub>, etc.).

In an international energy context marked by major challenges - renewing petroleum reserves, broadening the energy mix and combating climate change -, IFP's vocation is to innovate, develop and transfer the technologies that will make it possible to supply enough energy to meet growing world needs, especially in the transport and petrochemical sectors, lastingly and without harm to the environment, for the rest of the 21<sup>st</sup> century.

Visit IFP website: [www.ifp.fr](http://www.ifp.fr)

## **About OAPEC**

The OAPEC (Organization of Arab Petroleum Exporting Countries) was established in 1968 with the following major objectives:

- to promote cooperation and close ties between the member countries in economic activities related to the oil industry;
- to determine ways of safeguarding their legitimate interests, both individual and collective, in the oil industry;
- to unite their efforts to ensure the flow of oil to consumer markets on equitable and reasonable terms;
- and to create a favorable climate for the investment of capital and expertise in their petroleum industries.

Algeria, Bahrain, Egypt, Iraq, Kuwait, Socialist People's Libyan Arab Jamahiriya, Qatar, Saudi Arabia, Syrian Arab Republic, Tunisia, United Arab Emirates are the 11 members of the OAPEC.

Visit OAPEC website: [www.oapecorg.org](http://www.oapecorg.org)

# Preliminary Program

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## Tuesday 20 June

- 08:30 **Registration of participants**
- 09:15 **Welcome and opening addresses**  
A. Al-Turki, OAPEC General Secretary  
O. Appert, Chairman and CEO of IFP

### **Session I - Oil refining outlook 2020**

- 09:45 **Key determinants of the global refinery outlook**  
F. Birol, IEA, France
- 10:10 **Meeting distillate needs a 2020 scenario**  
J. Sentenac, Axens, France
- 10:35 *Coffee break*
- 11:00 **Oil refining in OAPEC members and their capabilities to produce cleaner fuel**  
H. Shareb, OAPEC, Kuwait
- 11:25 **Quality products**  
S. Dixon-Declève, IFQC, Belgium
- 11:50 Questions and answers
- 12:15 *Lunch*
- 13:45 **Worldwide supply and demand**  
A. Gelder, WoodMac, United Kingdom
- 14:10 **Middle East refining and the challenges of meeting clean fuels demand**  
B. Al-Mahroos, BAPCO, Bahrain
- 14:35 **Libyan crude oils, their characteristics and suitability for further processing**  
T. Najah, PRC, Libya
- 15:00 *Coffee break*
- 15:25 **Price mechanisms - crudes, Synthetic Crude Oil (SCO) and products**  
O. Rech, IFP, France
- 15:50 **New approach in refining Kuwait heavy crude oils**  
A. Marafi, KISR, Kuwait
- 16:15 **Quality aspects of condensate derived Merox treated jet fuel involving pipeline supplies across a desert environment**  
M.S. Venkateshan, ENOC, UAE
- 16:40 **Open discussion on the 1<sup>st</sup> day**
- 17:00 End of session I
- 20:00 **Gala dinner, hosted by OAPEC (Paris)**

# Wednesday 21 June

## Session II - Capture higher value from lower valued crude

- 09:00 **Introduction of sessions II and III**  
P. Sarrazin, IFP, France
- 09:15 **Which evolution for Synthetic Crude Oil (SCO)?**  
N. Alazard, IFP, France
- 09:40 **Revamping & upgrading project of syrian refineries**  
A. Izzedin, Homs Refinery company & N. Jouhra, Baniyas Refinery company, Syria
- 10:05 **Synthetic crude oil production: technological and economical challenges**  
A. Gragnani, Axens, France
- 10:30 *Coffee break*
- 11:00 **An approach to produce Extra Low Sulfur Diesel**  
H. Al-Ajmi, Kuwait National Petroleum Company, Kuwait
- 11:25 **Development of an integrated conversion refinery process: an overview**  
M. A. Al-Saleh, King Fahd University of Petroleum and Minerals, Saudi Arabia
- 11:50 Questions and answers
- 12:15 *Lunch*
- 13:45 **Upgrading Iraqi refineries**  
F.H. Nimma, A. Al Abaidi, Ministry of Oil, Iraq
- 14:10 **Upgrading options oriented toward diesel production**  
A. Gragnani, Axens, France
- 14:35 **Role of hydrocraker (HCR) and delayed coker units on products quality enhancement**  
N. Al-Shamma, W. Al-Hashel & M. El-Enezi, Kuwait National Petroleum Company, Kuwait
- 15:00 *Coffee break*
- 15:25 **Upgradation of ARDS unit using OCR technology**  
Omar Al-Milhem & A. Al-Harbi, Kuwait National Petroleum Company, Kuwait
- 15:50 **Vacuum gas oil and residue conversion processes**  
F. Morel, Axens, France
- 16:15 **Production of some grades of paraffin waxes from local waxy by-products using solvent fractionation technique**  
T.Z. Magdy, EPRI, Egypt
- 16:40 **Discussion on the 2<sup>nd</sup> day**
- 17:00 End of session II

# Thursday 22 June

## **Session III - Adapting refineries to Euro V products specifications**

- 09:00 **PRC research activities on alternative approaches to deep desulphurization of fuel products derived oil**  
M. M. Elgami, PRC, Libya
- 09:25 **Options for low sulfur coker gas oil**  
M.F. Mnoufy, EPRI, Egypt
- 09:50 **Technologies for producing clean on-road motor fuels**  
T. Birchem & J. Frecon, Axens, France
- 10:15 *Coffee break*
- 10:45 **Evolution of hydrotreatment catalysts: new insights from molecular simulation**  
P. Raybaud, IFP, France
- 11:10 **The evolving roles of reforming and C<sub>5</sub>-C<sub>6</sub> isomerization in the refinery**  
S. Wermester, Axens, France
- 11:35 **Open discussion on the 3<sup>rd</sup> day**
- 12:00 Closing remarks
- 12:15 *Lunch*
- 14:00 End of seminar

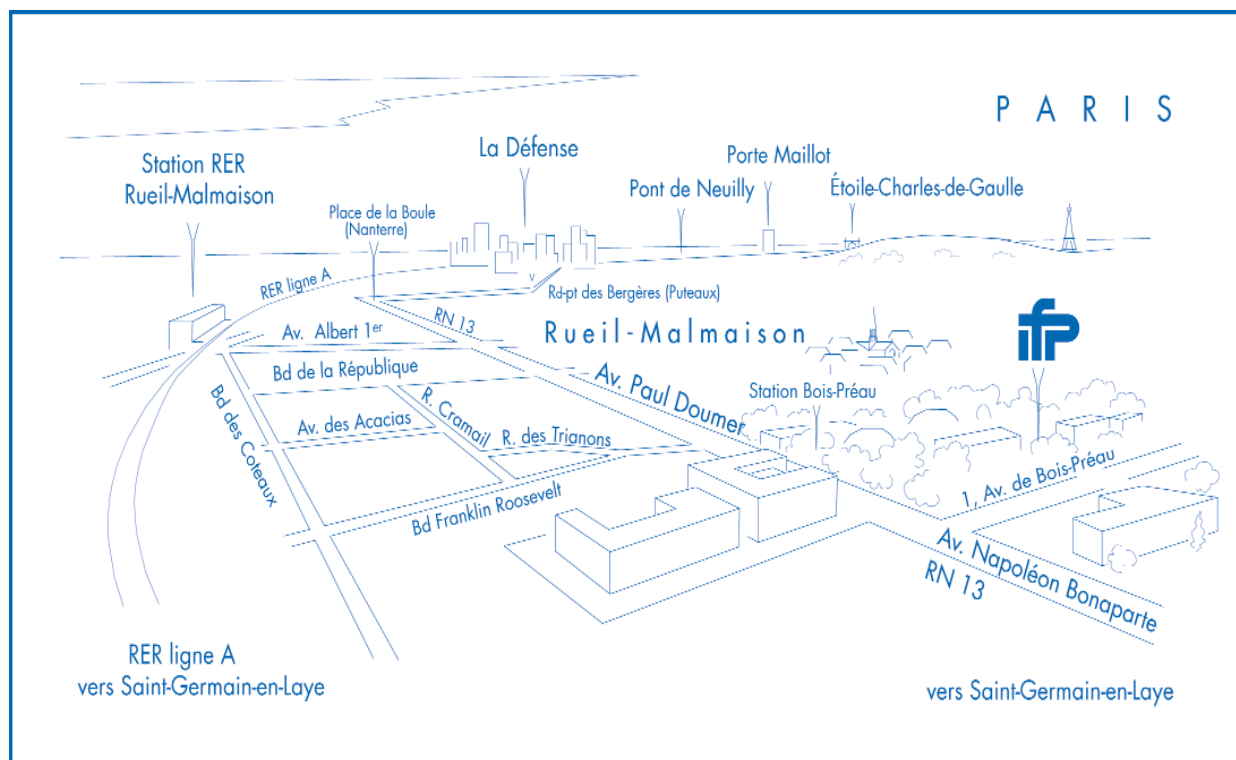
# General Information

## Venue and date

The OAPEC-IFP seminar on **“The importance of conversion processes in oil refining and their role in the production of clean fuels”** will be held at **IFP** in Rueil-Malmaison, France, from **Tuesday 20 June to Thursday 22 June 2006**.

## Access

- By car: from Paris, Porte Maillot exit, RN13, direction La Défense/Saint-Germain-en-Laye
- Using public transport by RER:
  - Line A direction Saint-Germain-en-Laye
    - get off at Rueil-Malmaison, Victor Hugo exit, take the 244 bus and get off at “Geneviève Couturier”,
    - or get off the RER at Grande Arche de la Défense, take the 258 bus (direction Saint-Germain-en-Laye) and get off at “Bois-Préau”.



## **Visa**

Visitors from certain countries outside the European Union need a visa to enter France. Each delegate should apply in adequate time for a visa at the French Embassy or Consulate in the country of present residence.

Certain delegates will be asked to present an official invitation to the seminar in order to obtain a visa: a letter of confirmation of your participation will be sent to you upon receipt of the registration form and can be used for your visa application.

## **Lunches and official dinner**

IFP will welcome you in its lounges for the lunches.

There will be an official dinner, hosted by OAPEC on Tuesday evening (detailed information will be sent to you upon receipt of the registration form).

## **Shuttle bus**

A shuttle bus will ensure transfers from the hotels to IFP every morning and back to the hotels every evening. Please fill in the registration form if you wish to use them (detailed information will be sent to you upon receipt of the registration form).

## **Web site**

For more information: <http://www.ifp.fr> heading "Events/Seminars and conferences".

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### **Scientific correspondent**

Mr. Colin Baudouin  
IFP  
Tel.: +33 1 47 52 67 29  
Fax: +33 1 47 52 70 71  
E-mail: [colin.baudouin@ifp.fr](mailto:colin.baudouin@ifp.fr)

### **Seminar Organization**

Mrs. Claire Fauque  
IFP - Communications Division  
Tel.: +33 1 47 52 74 16  
Fax: +33 1 47 52 70 96  
E-mail: [claire.fauque@ifp.fr](mailto:claire.fauque@ifp.fr)

### **Administrative Secretariat**

Mrs. Amélie Leclercq  
Coach Communication  
Tel.: +33 1 40 32 49 53  
Fax: +33 1 40 32 49 63  
E-mail: [amelie@coach-communication.com](mailto:amelie@coach-communication.com)

# Registration

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## Conference fees

Registration fee: 250 € including VAT per delegate (excluding OAPEC Members).

Upon receipt of the registration form, Coach Communication will send you a letter of acknowledgement and information about the seminar (shuttle buses, dinner, etc.).

Please return the enclosed registration form (one for each delegate), fully completed, before 5 June 2006, to:

<b>Administrative Secretariat</b> <b>COACH COMMUNICATION – Mrs. Amélie Leclercq</b> 24/28 rue Henri Poincaré, 75020 Paris Tel: +33 1 40 32 49 53 - Fax: +33 1 40 32 49 63 - Email: amelie@coach-communication.com
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**You can also register directly via internet:**

<http://www.ifp.fr> heading "Events/Seminars and conferences/IFP-OAPEC International Seminar: The Importance of Conversion Processes in Oil Refining and their Role in the Production of Clean Fuels"

## Payment

All fees are payable in Euros only:

- By check payable to Coach Communication
- By bank transfer to: Banque Populaire du Sud  
48 boulevard Marty  
11000 Carcassonne Marty  
FRANCE

Account number for a national bank transfer

Bank Code	Branch Code	Account Number	RIB
16607	00041	04121790496	71

Account number for an international bank transfer (IBAN)

Account number for an international bank transfer (IBAN)							Bank Identification Code (CIC)
FR76	1660	7000	4104	1217	9049	671	CCBPFRRPPPG

- By credit card: Visa, Eurocard/Mastercard, American Express

## Accommodation

### Participants are responsible for their own hotel accommodation.

Hotel reservations are assigned on a first-come, first-served basis, according to room availability.

As Paris is very busy at this time of the year, early booking is strongly recommended.

Block bookings have been made for four nights (from 19 June to the morning of 23 June 2006) in five hotels near Porte Maillot in Paris.

Hotel	Address	Price in € * Single / Twin	Deadline**	Contact
Meridien Etoile****	81 boulevard Gouvion Saint Cyr 75017 PARIS	200 / 210	15/05/2006	Tel.: 01 40 68 30 70 Fax: 01 40 68 30 52
Villa des Temes***	97 avenue des Temes 75017 PARIS	150 / 163	19/05/2006	Tel.: 01 53 81 94 94 Fax: 01 53 81 94 95
Best Western Elysées Paris***	19 avenue de Wagram 75017 PARIS	145 / 165	12/05/2006	Tel.: 01 53 81 82 90 Fax: 01 49 02 00 40
Magellan***	17-19 rue Jean-Baptiste Dumas 75017 PARIS	116 / 126	31/05/2006	Tel.: 01 45 72 44 51 Fax: 01 40 68 90 36
Campanile Berthier**	4 boulevard Berthier 75017 PARIS	93 / 101	19/06/2006	Tel.: 01 46 27 10 00 Fax: 01 46 27 00 57

\* All prices include breakfast and VAT

\*\* The deadline for booking is given by each hotel. After these deadlines, we cannot guarantee room availability.

The following reference must be given to the hotel when booking: "OAPEC – IFP Seminar"

Hotels will request a credit card number and expiry date in order to reserve rooms.

## Cancellation

Each hotel has a different cancellation policy and will inform participants of penalties in case of no show or cancellation.

*With the support of:*



**IFP**

1 et 4 avenue de Bois-Préau - 92852 Rueil-Malmaison Cedex - France  
Tel.: +33 1 47 52 60 00 - Fax: +33 1 47 52 70 00



# "The Importance of Conversion Processes in Oil Refining and their Role in the Production of Clean Fuels"

IFP - Rueil-Malmaison  
20-22 June 2006

## Seminar Registration Form

Please fill out one registration form for each delegate and return it before **5 June 2006** to:

**Administrative Secretariat**  
COACH COMMUNICATION – Mrs. Amélie Leclercq  
24/28 rue Henri Poincaré - 75020 Paris  
Tel: +33 | 40 32 49 53 - Fax: +33 | 40 32 49 63 - Email: amelie@coach-communication.com

**Delegate**       **Mr.**       **Mrs**       **Miss**

Last name .....

First name .....

Company .....

Title/Job function: .....

Address .....

City..... Zip code .....

Country.....

Tel. .... Fax .....

E-mail .....

### Registration to the seminar and official dinner

Seminar registration for OAPEC Members	Free of charge	<input type="checkbox"/>
Seminar registration for others (non OAPEC Members)	250 € including VAT	<input type="checkbox"/>
Registration for dinner Tuesday 20 June	Free of charge	<input type="checkbox"/>

## Invitation letter

Do you need an invitation to obtain a VISA

YES

NO

If so, please give the following information

Name of embassy or consulate to contact .....

.....

Address .....

City ..... Zip code .....

Country .....

Tel ..... Fax .....

E-mail .....

## Shuttle bus

Shuttle buses will be arranged: do you intend to use them?

20 June	AM	Hotels (Paris) → IFP	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	PM	IFP → Hotels (Paris)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
		Hotels (Paris) → Dinner hosted by OAPEC	<input type="checkbox"/> YES	<input type="checkbox"/> NO
21 June	AM	Hotels (Paris) → IFP	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	PM	IFP → Hotels (Paris)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
22 June	AM	Hotels (Paris) → IFP	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	PM	IFP → Hotels (Paris)	<input type="checkbox"/> YES	<input type="checkbox"/> NO

*More information will be sent upon receipt of your registration form.*

*Please note that the shuttle bus service will only be provided to the hotels listed below.*

Are you staying in a hotel in Paris?

Please indicate the hotel you are staying at:

Campanile Berthier\*\*

Magellan\*\*\*

Villa des Termes\*\*\*

Best Western Elysées Paris\*\*\*

Méridien Etoile\*\*\*\*

## Payment

- By check payable to Coach Communication  
24/28 rue Henri Poincaré  
75020 Paris
  
- By bank transfer to: Banque Populaire du Sud  
48 boulevard Marty  
11000 Carcassonne Marty  
FRANCE

Account number for a national bank transfer

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Bank Identification  
Code (CIC)

Account number for an international bank transfer (IBAN)

FR76	1660	7000	4104	1217	9049	671	CCBFRPPPPG
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By Credit card:

Visa

Eurocard/Mastercard

American Express

N°

Ex. date

Participants will pay all bank charges

Date:

Signature: