



# 2008 Hydrocracking Process Technology Workshop Invitation

Presented by Criterion Catalysts & Technologies L.P. and Zeolyst International

September 14-19, 2008; Estancia La Jolla Hotel, La Jolla, California

## A comprehensive overview of hydrocracking today

Anyone responsible for short- or long-term decisions on operational, technological or catalyst management aspects of hydrocracking should head for La Jolla, California, this September. This comprehensive course will provide participants with in-depth knowledge of the technology, operational issues and economics of the hydrocracking process.

The 4 1/2-day course will include practical working sessions that cover the hydrocracking process from troubleshooting, modeling and operability to catalyst management – all presented by some of the most qualified experts in the field.

## This workshop will cover topics that include:

- » Introduction to Hydrocracking
- » Chemistry and Kinetics
- » Catalyst Basics
- » Feedstocks and Products
- » Hydrocrackers Contribution to Clean Fuels
- » Performance Monitoring
- » Catalyst Management
- » Process Operational Parameters
- » Operational Procedures
- » Process Modeling
- » Advanced Process Control
- » Process Safeguarding and Operational Intervention
- » Process Modeling Applications and Exercises
- » Troubleshooting
- » Corrosion Monitoring
- » Reactor Internals/Catalyst Bed Fouling
- » Hydrocracking Economics
- » Market Trends in Hydrocracking Process Licensing
- » Q&A Session

## Who should attend?

Process unit engineers  
Project engineers  
Project managers  
Operations engineers  
Operations managers  
Hydrocracking process consultants  
Technical directors or managers  
Catalyst management coordinators

## Previous course attendees

CITGO Petroleum Corporation  
ConocoPhillips  
Cperi, Greece  
ExxonMobil, UK  
Hyundai Oilbank, S. Korea  
Indian Oil Company Ltd.  
INEOS Refining  
KNPC  
Lotos, Poland  
National Centre for Upgrading Technology  
North Atlantic Refining Ltd.  
Petrobras  
Petro-Canada Products Inc.

Petrolera Ameriven  
Petroleum Co. of Trinidad & Tobago  
PK Orlen, Poland  
Preem, Sweden  
Shell Canada Ltd.  
Shell Oil Products US  
Sincrudos de Oriente, Sincor SA  
SK Corporation  
Société Ivoirienne de Raffinage, Ivory Coast  
Suncor Energy  
Syncrude Canada Ltd.  
Tesoro Alaska Petroleum Company  
Valero Energy Corporation

## Past attendee comments

*...program covers all important aspects of hydrocracking technology in an objective way."*

*"Very excellent course. It fits into our goals...to improve reliability."*



# Registration Form

## Hydrocracking Process Technology Workshop



Register by August 10

Space is limited.

### Attendee information *(Complete separate form for each attendee.)*

Last name: \_\_\_\_\_ First name: \_\_\_\_\_

Company: \_\_\_\_\_ Title: \_\_\_\_\_

Mailing address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Postal code: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Cell: \_\_\_\_\_

E-mail: \_\_\_\_\_

**Any special requests/dietary restrictions/food allergies:** \_\_\_\_\_

Will spouse or guest accompany you?  No  Yes *(If so, please see below)*

### Payment information

The registration fee for the course is \$1,689 USD per attendee. **Cancellations must be received by August 10, 2008.**

- Check enclosed  AMEX  Visa  
 Mastercard  Bank transfer *(please call for instructions)*

Name on card: \_\_\_\_\_ Billing address: \_\_\_\_\_

Card number: \_\_\_\_\_ Expiration date: \_\_\_\_\_

Signature: \_\_\_\_\_  
*(REQUIRED, authorizing charge)*

### Hotel accommodations

Criterion has secured hotel rooms at the Estancia La Jolla Hotel and Spa at a group rate of \$200 per night, plus applicable fees, taxes and parking. Make your reservations directly through:

[https://reservations.synxis.com/LBE/Rez.aspx?hotel=12323&dest=DHR\\_SAN&lang=1](https://reservations.synxis.com/LBE/Rez.aspx?hotel=12323&dest=DHR_SAN&lang=1)

**Reservation line:** 877-437-8282

**Group code:** 1TA4A8

Or contact Zoe Stonebraker.

### Spouse/guest information

Special accommodations can be made if spouse, guest or small children will be accompanying you. Transportation in the area can be arranged through guest services at the hotel. A special packet of available amenities and area points of interest will be provided upon arrival.

Guest/spouse last name: \_\_\_\_\_ First name: \_\_\_\_\_

**Any special requests/dietary restrictions/food allergies:** \_\_\_\_\_

### Hotel information

**Estancia La Jolla Resort & Spa**  
9700 North Torrey Pines Road  
La Jolla, CA 92037

**Tel. 858-202-3388**

**[www.estancialajolla.com](http://www.estancialajolla.com)**

*"...course very well organized. Technical presentations were well delivered and the interactions with the other participants was well appreciated."*

### Registration and inquiries contact:

Zoe Stonebraker  
Zoe.Stonebraker@CRI-Criterion.com  
Criterion Catalysts & Technologies  
Phone: 281-874-2429  
Fax: 281-874-2474



**[www.criterioncatalysts.com](http://www.criterioncatalysts.com)**