

pre-registration

you can also fill the electronic form on the site

<http://www.cpe.fr/idecat/>

Prof. Dr. Mrs. M.

Family name :

First name :

Company :

Position :

Full Address :

Zip Code / Town :

Country :

Phone :

Fax :

Email :

Please send ot to:

LCOMS – IDECAT

CPE Lyon

43 Bd du 11 Novembre 1918

69622 VILLEURBANNE CEDEX

FRANCE

Your registration will be considered by the Organizing Committee and you will receive a letter of acceptance by the 30th March. At this point, you will have to pay 550€ to complete your registration.

Those participants who belong to the IDECAT Network can use their IDECAT funds to pay travel and registration fees.

We encourage you to participate at the poster session. remind you that all posters will be presented at the beginning of the meeting, among them 6 will be selected for oral presentations.



Food and accommodation:

Hotel Club IGeSA

(included in the registration package 550€)

By car : Go to Hyères (Var) and then follow the direction to "Tour Fondue" where you can park your car. Then take the boat (see further informatin below in By boat)

By plane : Fly to Toulon/Hyères airport (Var) and then take the bus or the taxi to "Tour Fondue". Then take the boat (see further informatin below in By boat)

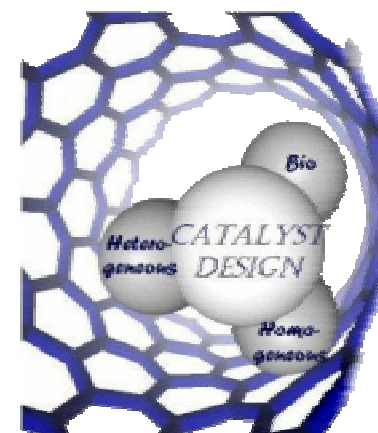
By train : Go to Toulon or preferrably Hyères, and then take the bus or the taxi to "Tour Fondue". Then take the boat (see further informatin below in By boat)

Then By boat

From "Tour Fondue", (15min) Compagnie T.L.V./T.V.M.
phone: 04 94 58 21 81 there are several boat services :
<http://www.tlv-tvm.com>

also possible from:

- Toulon (1h), there is a boat service, Office du tourisme de Toulon
phone (+33) (0)4 94 18 53 00
- Port du Lavandou (50 mn) Compagnie des Iles d'Or Tél : 04 94 71 01 02 <http://www.vedettesilesdor.fr>



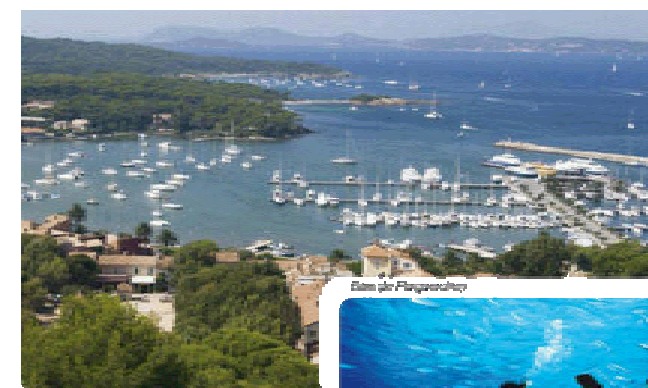
IDECAT

Integrated Design of
Catalytic Nanomaterials
for a Sustainable Production

Conference on Catalysis

Concepts, complexity and diversity in catalysis

Porquerolles 12 - 17 May 2007



LCOMS

TU/e

technische universiteit eindhoven

CPE



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DE LA RECHERCHE
SCIENTIFIQUE

<http://www.cpe.fr/idecat>

Europe has recently launched a Network Of Excellence called "Idecat" which includes 37 laboratories from 17 institutions gathering over 500 researchers with a broad multidisciplinary expertise covering most of the aspects of catalysis, applied and fundamental (heterogeneous, homogeneous, enzymatic, surface science, modelling, engineering, spectroscopy...)

This network has decided to launch a yearly meeting limited to 120 scientists to promote discussions in the area of catalysis between academia and industry, disciplines of catalysis (biocatalysis, homogenous and heterogeneous), junior and senior scientists...

Therefore, from May 12th (dinner time) , to May 17th, breakfast time), discussions will be held in Porquerolles, an island on the Mediterranean sea (close to coast, Marseille and Hyères), during morning and evening sessions, afternoon being devoted to sports or other relaxing activities.

The topic for the inaugural conference will be very broad:

"Concepts, complexity and diversity in catalysis"

This meeting will include :

- 23 invited lectures of 45 minutes including 15 min of questions (see programme) .
- 6 oral communications, selected from the posters (20 minutes + 10 min of questions, all posters will be presented at the beginning of the meeting, among them 6 will be selected for oral presentations.).
- Daily poster morning and evening sessions.

covering the area of bio-, homogeneous and heterogeneous catalysis.

We look forward to seeing you in Porquerolles (don't forget that the number of places will be restricted, pre-register as early as possible)

Programme

Chairman: Jean-Marie Basset, co-chairman : Rutger van Santen

Heterogeneous Catalysis

- **Prof. R. Anwander**, University of Bergen, Norway
Size/shape-selective reactions on periodic nanoporous silica
- **Prof. G. Centi**, Università di Messina, Italy
Nanostructured electrocatalysts
- **Dr. C. Copéret**, LCOMS - ESCPE Lyon, France
Molecular understanding of heterogeneous catalysts
- **Prof. A. Corma**, Instituto de Tecnologia Quimica, Valencia, Spain
Molecular design of single and double site catalysts for one step and for cascade reactions
- **Prof. K. Domen**, University of Tokyo, Japan
Design of photocatalysts for overall water splitting
- **Prof. E.J.M. Hensen**, TU Eindhoven, Netherland
Understanding alkane activation over Lewis acid sites in zeolites
- **Prof. J. Lercher**, TU München, Germany
Alkane activation by solid acids
- **Prof. F. Trifiro**, Università di Bologna, Italy
The valorization of alkanes. Still a bridge between challenges and industrial needs
- **Prof. B. Weckhuysen**, Utrecht University, the Netherlands
Catalysts live and up close: probing catalytic solids with spectroscopy and microscopy

Homogeneous and Enzymatic Catalysis

- **Prof. K. Faber**, Karl Franzens Universität, Graz, Austria
Impossible reactions catalyzed by racemases, stereo-complementary dehydrogenases and sulfatases
- **Prof. J. F. Hartwig**, Univ. of Illinois at Urbana Champaign, USA
Catalytic organometallic carbon-heteroatom bond formation
- **Prof. S. Sabo Etienne**, LCC, Toulouse, France
Concepts in catalysis: the sigma-CAM mechanism
- **Prof. G. Van Koten**, Utrecht University, the Netherlands
Making homogeneous catalysts (nano)filterable

Industrial Catalysis

- **Dr N. Bats**, IFP Solaize, France
Ionic liquids : template or solvent in synthesis of zeolites and zeolite analogues ?
- **Dr. A. Mc Connell** , SASOL, Sasolburg, South Africa
Recent progress towards the design and optimisation of highly selective ethylene oligomerisation catalysts
- **Dr. R. Farrauto**, BASF Catalysts LLC, Princeton, USA
From the internal combustion engine to the fuel cell: moving towards the hydrogen economy.
- **Dr. R. B. Hall**, EXXONMOBIL, Clinton, USA
Influence of micropore cage dimension on MTO and olefin conversion catalysis

Surface Science, Spectroscopy and Modelling

- **Prof. S. Bordiga**, Università di Torino, Italy
Spectroscopic investigations of zeolites
- **Prof. J. Evans**, University of Southampton, UK
Rhodium: the chameleon catalyst
- **Dr. P. Sautet**, ENS Lyon, France
Alkane activation with Zr and W complexes grafted on gamma-alumina : synergy between support and complex reactivity from a quantum chemical approach
- **Dr. S. Shaikhutdinov**, Fritz-Haber-Institut - MPG - Berlin, Germany
Model systems for heterogeneous catalysts at atomic resolution
- **Dr. R. Schloegl**, Fritz-Haber-Institut - MPG - Berlin, Germany
Understanding heterogeneous catalysis of demanding processes: how essential is complexity?
- **Prof D. de Vos**, KU Leuven, Belgium
Fluorescence microscopic studies of the reactivity of heterogeneous catalysts
- **Prof. M. Witco**, University of Cracovy, Poland
Quantum chemistry as a tool to study catalytic active centers