

Les Rencontres Scientifiques de l'IFP

IFP-Lyon, France ■ 17 - 19 March 2010

1st International Conference on Chemical Looping

An Alternative Concept for Efficient and Clean Use of Fossil Resources



Second Announcement and Registration Form



Under the auspices of the French Academy of Sciences
Sous les auspices de l'Académie des sciences



INSTITUT DE FRANCE
Académie des sciences



What is IFP?

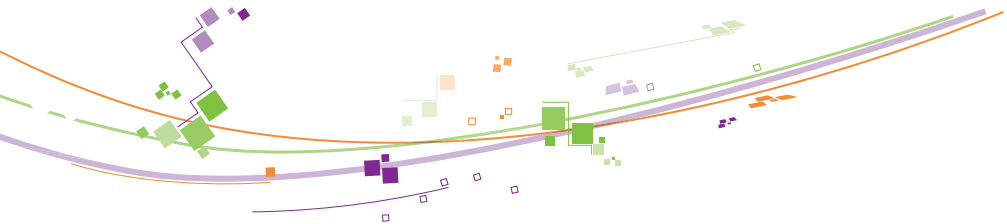
IFP is a world-class public-sector research and training center, aimed at developing the technologies and materials of the future in the fields of energy, transport and the environment. It provides public players and industry with innovative solutions for a smooth transition to the energies and materials of tomorrow – more efficient, more economical, cleaner and sustainable.

To fulfill its mission, IFP has 5 complementary strategic priorities:

- capturing and storing CO₂ to combat the greenhouse effect,
- diversifying fuel sources,
- developing clean, fuel-efficient vehicles,
- converting as much raw material as possible into energy for transport,
- pushing back the boundaries in oil and gas exploration and production.

An integral part of IFP, its graduate engineering school prepares future generations to take up these challenges.

More information on <http://www.ifp.com>

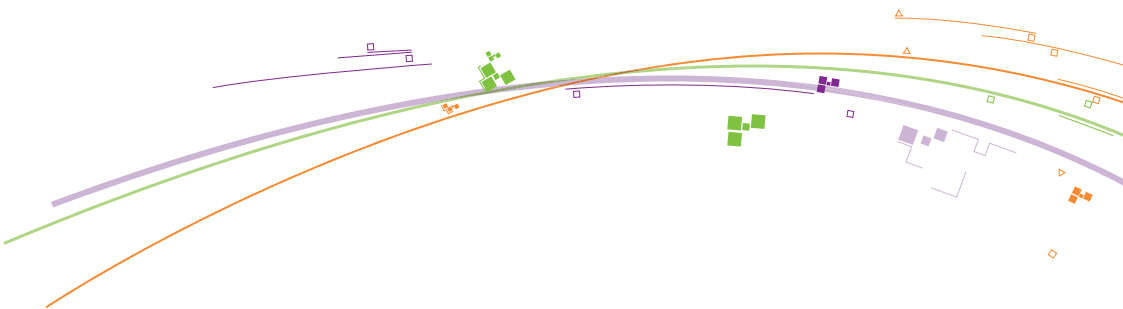


Context and objectives

Over the last 10 to 15 years, chemical looping combustion processes have started to be investigated, the aim being to provide clean and efficient solutions for a number of applications, including combustion and hydrogen production. The chemical looping concept is based on the use of materials with oxidation-reduction cycles that can either oxidize or reduce feedstocks. In situ oxygen transfer is possible and this eliminates direct contact between air and fuel. CO_2 -rich effluents can be produced without using conventional air separation units for combustion cycles, thereby improving efficiency and enabling subsequent CO_2 transport and storage in order to limit greenhouse gas emissions.

In recent years, a great deal of research has been carried out in the field of chemical looping in order to prepare and select appropriate oxygen carrier materials, to study process operating conditions and performance as well as process integration.

This international conference is therefore designed to be a scientific and technical event, gathering together players from the worlds of academic research, applied research and industry to discuss research advances, potential applications and R&D needs and challenges.



General information

This international conference will be held at IFP-Lyon (France) on Wednesday 17, Thursday 18 and Friday 19 March 2010.

Conference organization

Ms. Frédérique Léandri

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92413 Courbevoie Cedex, France

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For more information on this international conference or other events organized by IFP:

<http://events.ifp.com>

Visa

You may need a visa to enter France from some countries outside the European Union.

Please contact in your country the French Embassy, the Consulate or your travel agency to check whether or not you need a visa.

An appropriate invitation letter can be asked to FC2 Events.

Scientific correspondent

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Scientific committee

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M. Bysveen

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(University of Western Ontario, Canada)

Pr. L. S. Fan

(Ohio State University, USA)

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(Chalmers University, Sweden)

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(University of Gent, Belgium)

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(CO2H2, France)

Pr. Wei-Ping Pan

(Western Kentucky University, USA)

A. Pfeffer

(Alstom Power Environment, USA)

S. Riffart

(Total Gaz & Energies Nouvelles, France)

Pr. L. Shen

(Southeast University, China)

Information about the program

The program will be divided into three main sessions, poster sessions and a round-table discussion.

Topics

- Chemical looping materials, reaction mechanisms and kinetic studies
- Chemical looping developments and pilot studies
- Chemical looping scale-up, reactor technology and process modeling

Oral presentations

- 40 minutes allotted for keynote speakers, including 5 minutes discussion
- 20 minutes oral presentations, including 5 minutes discussion

Poster sessions

Posters will be displayed during a dedicated session and throughout the conference. They are an integral part of the conference.

The posters should be set up on Wednesday 17 March, between 8.15 and 9.00 am, before the beginning of the conference.

Visit of IFP-Lyon premises

You will have the possibility to visit IFP-Lyon premises on Friday 19 March afternoon. The number of participants is limited, the registration will be confirmed on a "first come, first served basis".

Official language

English will be the official language. Simultaneous interpretation will not be provided.

Conference proceedings

Abstracts from the oral and poster presentations will be included in a volume and a CD given out on site to all registered participants.

All symposium contributors (oral and poster) will be invited to submit their paper for publishing after the conference in a special issue of *Oil & Gas Science and Technology - Revue de l'IFP*. Each registered participant will receive one volume. For all additional orders, please contact: Editions Technip, 27 rue Ginoux, 75015 Paris, France. Tel.: +33 1 45 78 33 80, fax: +33 1 45 75 37 11 Web site: <http://www.editionstechnip.com>

The conference at a glance

Wednesday 17 March

- 8.30 Registration
- 9.15 Beginning of the conference
- 9.30 Session 1
Chemical looping materials, reaction mechanisms and kinetic studies
- 12.40 to 14.00 *Lunch*
- 15.40 Poster session
- 16.40 Session 2
Chemical looping developments and pilot studies
- 17.40 End of the presentations
- 17.45 Bus departure to the meeting point in Lyon (Ibis Centre Perrache, 28 cours Verdun)

Thursday 18 March

- 9.00 Beginning of the program
- 12.50 to 14.10 *Lunch*
- 14.50 Poster session
- 15.50 Session 3
Chemical looping scale-up, reactor technology and process modeling
- 17.10 End of the presentations
- 17.30 Bus departures to the meeting point in Lyon (Ibis Centre Perrache, 28 cours Verdun) and to the restaurant for the conference dinner

Friday 19 March

- 9.00 Beginning of the program
- 12.00 Conclusive round table
- 13.15 to 14.35 *Lunch*
- 14.35 Visit of IFP-Lyon premises (*optional - registration needed*)
or First bus departure to Lyon railway stations and to Lyon Saint-Exupery Airport
- 16.00 Last bus departure to Lyon railway stations and to Lyon Saint-Exupery Airport

Program

Wednesday 17 March

8.30 Registration

9.15 Welcome address: P. Ungerer, Scientific Director (IFP, France)

9.30 Keynote address: **Oxygen carriers for chemical looping combustion - operational experience**

A. Lyngfelt (Chalmers Univ. of Technology, Sweden)

Session 1 – Chemical looping materials, reaction mechanisms and kinetic studies

10.10 Reactivity analysis of mixed metal oxides

B. Moghtaderi, H. Song, T. Wall (Univ. of Newcastle, Australia)

10.30 CLCMAT project – Material development for "Chemical Looping Combustion"

S. Riffart¹, A. Lambert², A. Delebarre³, J. Salmi⁴, B. Durand⁵, S. Carpentier⁶
(1 Total S.A., 2 IFP, 3 ESSTI Univ. Henri Poincaré, 4 Marion Technologies, 5 CIRIMAT, Univ. Paul Sabatier, 6 Gaz de France, France)

10.50 Break

11.20 Using low-cost iron-based materials as oxygen carriers for chemical-looping combustion

E. Jerndal, H. Leion, T. Mattison, A. Lyngfelt (Chalmers Univ. of Technology, Sweden)

11.40 The performance of ilmenite as oxygen carrier for chemical looping combustion using coal as fuel

A. Cuadrat, A. Abad, J. Adánez, L. F. de Diego, F. García-Labiano, P. Gayán (CSIC, Spain)

12.00 The oxidation and reduction of ilmenite in chemical-looping combustion: a phase-chemical description

P. den Hoed¹, A. Luckos² (1 Anglo Research, 2 Sasol Technology, South Africa)

12.20 Water splitting for hydrogen production using a chemical looping process with a perovskite-type mixed conducting ceramic as oxygen carrier

R. Franca, A. Murugan, A. Thursfield, I. S. Metcalfe (Newcastle Univ., UK)

12.40 Lunch

14.00 Keynote address: **Oxygen carrier materials for chemical looping processes - fundamentals**

J. Adanez (CSIC, Spain)

14.40 **Effect of H₂S on chemical looping combustion of coal-derived synthesis gas over Fe₂O₃ - MnO₂ supported on ZrO₂/sepiolite**

E. Ksepko¹, R. V. Siriwardane², H. Tian³, T. Simonyi³, J. A. Poston Jr.¹, A. Zinn³, M. Sciazko¹ (1 Institute for Chemical Processing of Coal, Poland ; 2 DOE, 3 Parsons, USA)

15.00 **Investigation on reaction mechanism of chemical looping combustion of coal utilizing oxygen carriers**

R. Siriwardane¹, H. Tian^{1,2}, D. Miller^{1,2}, G. Richards¹, T. Simonyi^{1,2}, J. Poston¹, (1 DOE ; 2 Parsons, USA)

15.20 **Kinetic mechanism derived through dosing reactants over NiO, Ni and NiC**

F.-X. Chiron¹, G. S. Patience¹, S. Riffart² (1 Ecole Polytechnique de Montréal, Canada ; 2 Total, France)

15.40 Poster session

Session 2 – Chemical looping developments and pilot studies

16.40 **Chemical looping with copper oxide as carrier and coal as fuel**

E. Eyring, G. Konya, J. Lighty, A. Sahir, A. Sarofim, K. Whitty (Univ. of Utah, USA)

17.00 **Effect of gas impurities on the behaviour of Cu-based oxygen carriers on chemical looping combustion**

C. R. Forero¹, P. Gayán², F. García-Labiano², L. F. de Diego², A. Abad², J. Adánez² (1 EIDENAR, Colombia ; 2 CSIC, Spain)

17.20 **Hydrogen production coupled with CO₂ capture by chemical looping combustion using mixed Fe-Ni oxygen carriers**

M. Ortiz, L. F. de Diego, P. Gayán, M. A. Pans, F. García-Labiano, A. Abad, J. Adánez (CSIC, Spain)

17.45 Bus departure to the meeting point in Lyon (Ibis Centre Perrache, 28 cours Verdun)

Thursday 18 March

- 8.30 Registration
- 9.00 Keynote address: **Chemical looping processes and applications**
L. S. Fan (Ohio State Univ., USA)
- 9.40 **Operation of a chemical looping pilot plant up to 150 kW fuel power – results for a nickel-based oxygen carrier and discussion of further scale-up scenarios**
T. Pröll, H. Hofbauer (Vienna Univ. of Technology, Austria)
- 10.00 **Long term operation experience in a 50 kW_{th} chemical looping combustor using natural gas and syngas as fuels**
H.-J. Ryu, S.-H. Jo, Y. C. Park, D.-H. Bae, S. D. Kim (Korean Institute of Energy, Korea)
- 10.20 **Chemical looping combustion of solid fuels in a 10 kW_{th} pilot**
N. Berguerand, A. Lyngfelt, P. Markström, C. Linderholm (Chalmers Univ. of Technology, Sweden)
- 10.40 Break
- 11.10 **Chemical looping combustion of coal in a 1 kW_{th} reactor with iron ore as an oxygen carrier**
J. Wu, L. Shen, J. Hao, H. Gu (SouthEast Univ., China)
- 11.30 **Effect of pressure on chemical looping combustion of coal with natural iron ore as oxygen carrier**
Q. Song^{1,2}, R. Xiao¹, S.Zhang¹, W. Zheng¹, Y. Yang¹, L. Shen¹ (1 SouthEast Univ., China ; 2 Univ. of Cambridge, UK)
- 11.50 **Chemical looping of solid fuels in laboratory fluidized bed reactor**
H. Leion, T. Mattisson, A. Lyngfelt (Chalmers Univ. of Technology, Sweden)
- 12.10 **Chemical looping combustion with different types of liquid fuels**
A. Hoteit, A. Forret, W. Pelletant, J. Roesler, T. Gauthier (IFP-Lyon, France)
- 12.30 **Gasification of biomass and CO₂ capture using chemical looping combustion**
M. M. Hossain, M. R. Quddus, H. I. de Lasa (Univ. of Western Ontario, Canada)
- 12.50 Lunch

- 14.10 Administration views: **Research Fund for Coal and Steel - RFCS**
L. Boillot (European Commission, Belgium)
- 14.30 Administration views: **US Department Of Energy carbon sequestration program overview**
W. E. Fernald (DOE, USA)
- 14.50 Poster session

Session 3 – Chemical looping scale-up, reactor technology and process modeling

- 15.50 **Design and performance of a full scale cold flow model of an innovative chemical looping combustion reactor system**
A. Bischi¹, I. Saanum², O. Langorgen², J. X. Morin³, J. Bakken², M. Bysveen², O. Bolland¹ (1 NTNU, 2 SINTEF, Norway ; 3 C02-H2, France)
- 16.10 **A novel CLC configuration with independent solid flow control**
M. M. Yazdanpanah¹, A. Hoteit¹, A. Forret¹, A. Delebarre², T. Gauthier¹ (1 IFP-Lyon ; 2 ESSTI, Univ. Henri Poincaré, France)
- 16.30 **The role of attrition and solids recovery in a chemical looping combustion process**
M. Kramp, A. Thon, E.-U. Hartge, S. Heinrich, J. Werther (Hamburg Univ. of Technology, Germany)
- 16.50 **Investigation of the attrition behaviour of an iron oxide oxygen-carrier under inert and reacting conditions**
T. A. Brown¹, F. Scala², S. A. Scott¹, J. S. Dennis¹, P. Salatino^{2,3} (1 Univ. of Cambridge, UK ; 2 Istituto di Ricerche sulla Combustione ; 3 Univ. di Napoli Federico II, Italy)
- 17.30 Bus departures: to the meeting point in Lyon (Ibis Centre Perrache, 28 cours Verdun) and to Pérouges for the village visit followed by the conference dinner

Friday 19 March

- 8.30 Registration
- 9.00 Keynote address: **What industry should expect from chemical looping combustion**
A. Pfeffer (Alstom Power, USA)

- 9.40 Computational fluid dynamics simulation of the fuel reactor of a coal fired chemical looping combustor**
K. Mahalatkar^{1,2,3}, T. O'Brien¹, E. D. Huckaby¹, J. Kuhlman^{1,2} (1 NETL ; 2 West Virginia Univ. ; 3 ANSYS-Fluent, USA)
- 10.00 A numerical study of fluidization behaviour of bidispersed gas-solid flow using an eulerian multifluid modeling approach**
N. Nouyrgat, R. Ansart, H. Neau, O. Simonin (Univ. de Toulouse, CNRS, IMFT, France)
- 10.20 CLC modeling: the fuel-reactor at fast fluidization-conversion of CH₄ using a NiO-based oxygen-carrier in a 120 kW_{th} unit**
A. Abad¹, J. Adánez¹, F. García-Labiano¹, L. F. de Diego¹, P. Gayán¹, P. Kolbitsch², T. Pröll² (1 CSIC, Spain ; Vienna Univ. of Technology, Austria)
- 10.40 Parameter study in order to reveal critical design issues in the design for a CLC power plant using solid carbon as fuel**
B. Fillman, M. Anheden, J. Wolf (Vattenfall, Sweden)
- 11.00 Break**
- 11.20 Alstom's coal-fired chemical looping combustion prototype**
P. Thibeault, H. E. Andrus, J. H. Chiu (Alstom Power, USA)
- 11.40 Development of metal oxides chemical looping process for coal-fired power plants**
C. Beal¹, B. Epple², A. Lyngfelt³, J. Adanez⁴, Y. Larring⁵, A. Guillemont⁶, M. Anheden⁷ (1 Alstom Power Systems, France ; 2 Technische Univ. Darmstadt, Germany ; 3 Chalmers Univ., Sweden ; 4 CSIC, Spain ; 5 Sintef, Norway ; 6 Air Liquide, France ; 7 Vattenfall, Sweden)
- 12.00 Round-table**
- 13.00 Closing of the conference**
- 13.15 Lunch**
- 14.35 Visit of IFP-Lyon premises (optional - registration needed)
or first bus departure to Lyon railway stations and to Lyon Saint-Exupery Airport**
- 16.00 Last bus departure to Lyon railway stations and to Lyon Saint-Exupery Airport**

List of posters

Session 1 - Chemical looping materials, reaction mechanisms and kinetic studies

- **Chemical looping combustion with Ni-Co/La- γ Al₂O₃ oxygen carrier in a fluidized bed reactor**
M. R. Quddus, M. M. Hossain, H. I. de Lasa (Univ. of Western Ontario, Canada)
- **Chemical looping materials : can Ni be outperformed?**
A. Lambert, E. Comte (IFP-Lyon, France)
- **Characteristics of various new oxygen carriers for chemical looping combustion**
A. Moilanen, P. Koskinen, T. Pikkarainen, P. Kauranen, J. Saastamoinen, J. Lagerbom, U. Kanerva (VTT, Finland)
- **Support effect on the performance of NiO-based oxygen carrier**
J.-I. Baek¹, J.-W. Kim¹, J. B. Lee¹, T. H. Eom², J. Ryu¹, C. K. Ryu¹, J. Yi² (1 Korea Electric Power Research Institute ; 2 Seoul National Univ. Korea)
- **La_{1-x}Sr_xM_yFe_{1-y}O_{3-δ} perovskites as oxygen-carrier materials for chemical-looping reforming**
L. Nalbandian, A. Evdou, V. Zaspalis (CERTH, Greece)
- **Preparation of oxygen carriers for chemical looping combustion by industrial spray drying method**
F. Snijkers¹, E. Jerndal², I. Thijs¹, T. Mattisson², A. Lyngfelt² (1 Vito, Belgium ; 2 Chalmers Univ. of Technology, Sweden)
- **Spray-dried NiO oxygen carrier with highly attrition resistance**
J.-I. Baek¹, C. Kul Ryu¹, J.-W. Kim¹, J. Ryu¹, J. B. Lee¹, T. H. Eom¹, J. Yi² (1 Korea Electric Power Research Institute, 2 Seoul National Univ., Korea)
- **Ilmenite agglomeration during sequential oxidation-reduction**
P. Perreault¹, S. Riffart², G. S. Patience¹ (1 Ecole Polytechnique de Montreal, Canada ; 2 Total, France)
- **Kinetic modeling in CFD simulations of chemical looping**
H. Kruggel-Emden^{1,2}, F. Stepanek¹, A. Munjiza¹ (1 Imperial College London, 2 Univ. of London, UK)

- **A comparison between the carbon deposition on nickel supported and perovskite-type redox materials in hydrogen production from methane**
A. Murugan, R. Franca, A. Thursfield, I. S. Metcalfe (Newcastle Univ., UK)
- **Effect of CO₂ concentration on reduction reactivity of oxygen carriers**
H.-J. Ryu¹, J. Park¹, S.-Y. Lee¹, M.-H. Park² (1 Korea Institute of Energy Research, 2 Hoseo Univ., Korea)

Session 2 - Chemical looping developments and pilot studies

- **Performance of mixtures of natural minerals and a nickel-based material as oxygen carriers in chemical looping combustion in a 120 kW pilot plant**
K. Mayer, T. Pröll, H. Hofbauer (Vienna Univ. of Technology, Austria)
- **Sulfur release from chemical looping combustion of coal in a 1 KW_{th} reactor with nickel-based oxygen carrier**
L. Shen, J. Wu, J. Xiao, H. Zhang (Southeast Univ., China)
- **Effect of Ash on CLC of a solid high carbon char**
A. Rubel, K. Liu, J. Neathery (Univ. of Kentucky , USA)
- **Chemical looping reforming of biomass tar**
T. Mendiara, A. D. Jensen, P. Glaborg (Technical Univ. of Denmark, Denmark)
- **An experimental study of alternative fuel fueled chemical looping combustion**
T. Han^{1, 2}, H. Jin¹, H. Hong¹, C. Zhang^{1, 2} (1 Institute of Engineering Thermophysics, 2 Univ. of Chinese Academy of Sciences, China)
- **The effect of operating pressure on chemical looping combustion**
J. P. E. Cleeton, C. D. Bohn, C. R. Muller, J. S. Dennis, S. A. Scott (Univ. of Cambridge, UK)
- **H₂ production utilizing chemical-looping for CO₂ capture**
M. Rydén, A. Lyngfelt, T. Mattisson (Chalmers Univ. of Technology, Sweden)
- **A study of a chemical looping carbon capture for high-hydrogen content syngas yielding**
S. Stendardo³, A. Calabrò¹, G. Girardi¹, P. U. Foscolo², C. Hervé¹ (1 ENEA, 2 Univ. of l'Aquila, 3 European Commission Joint Research Center, Italy)

- **Chemical looping of iron oxide for the production of ultra-pure hydrogen from coal-derived syngas**
C. R. Müller, C. D. Bohn, S. A. Scott, J. S. Dennis (Univ. of Cambridge, UK)
- **Chemical looping partial oxidation for energy conversion**
T. Hatanaka¹, S. Matsuda¹, E. Fumoto¹, H. Hatano¹, J. Otomo² (1 AIST, 2 Univ. of Tokyo, Japan)
- **Chemical looping combustion using copper oxide as looping agent and a coal-derived syngas as reducing medium**
C. R. Müller, C. D. Bohn, S. A. Scott, J. S. Dennis (Univ. of Cambridge, UK)
- **Investigation of the enhanced water gas shift reaction using synthetic sorbents for the capture of CO₂**
D. S. Sultan, C. R. Müller and J. S. Dennis (Univ. of Cambridge, UK)
- **An experimental investigation of biomass-steam gasification with CaO as the sorbent**
B. Acharya¹, A. Dutta², P. Basu¹ (1 Dalhousie Univ., 2 Nova Scotia Agricultural College, Canada)
- **Capture of CO₂ calcium cycle under circulating fluidized bed conditions**
E. Bouquet, O. Allgaier, G. Leysens, C. Schönnenbeck (Univ. of Mulhouse, France)

Session 3 - Chemical looping scale-up, reactor technology and process modeling

- **Development of novel two-interconnected fluidized bed system for chemical looping combustion**
H.-J. Ryu, D. Shun, G.-T. Jin, C.-K. Yi (KIE, Korea)
- **Status of CLC at the University of British Columbia**
J. Cheung, C. J. Lim, N. Ellis (Univ. of British Columbia, Canada)
- **Simulation of the fuel reactor of a 1MW_{th} chemical looping plant for coal**
J. Strohle, M. Orth, B. Epple (Univ. Darmstadt, Germany)
- **Computational fluid dynamic simulations of the components of a chemical looping combustor for solid fuels**
J.-F. Dietiker, T. O'Brien (NETL, USA)

- **Multiphase CFD-based models for a chemical looping combustion process**
S. Cloete, S. T. Johansen, S. Amini (Sintef, Norway)
- **Modeling the hydrodynamics of chemical looping reactors**
R. Ocone (Heriot-Watt Univ., UK)
- **CPFD Eulerian-Lagrangian numerical scheme applied to interconnected fluidized bed for chemical looping**
D. Snider¹, C. Guenther², K. Williams¹ (1 CPFD Software, 2 DOE, USA)
- **A solid-liquid-fuels chemical looping combustion process**
Y. Cao, Wei-Ping Pan (Institute for Combustion Science and Environmental Technology, USA)
- **Hot CO₂: a chemical looping combustion spin-off for greenhouses**
P. Geerdink, J. IJzermans, L. J. P. van den Broeke (TNO Science and Industry, The Netherlands)
- **Carboloop: a novel concept of looping combustion of carbon**
P. Salatino^{1,2}, O. Senneca¹, L. Cortese¹ (1 IRC, 2 Univ. di Napoli Federico, Italy)
- **On the development of a rotating reactor concept for chemical looping combustion – part 2**
S. F. Hakonsen, I. M. Dahl, M. Stange, A. I. Spjelkavik, R. Blom (Sintef, Norway)

Registration

Conference fees (VAT incl.)

Before 7 February 2010

- 450€ for academics or public institute affiliates
- 650€ for industry affiliates

After 7 February 2010

- 550€ for academics or public institute affiliates
- 750€ for industry affiliates

Special rate for students: 150€ (*)

(*) Reduced conference fees will be allowed to students in order to facilitate their participation to this conference upon presentation of the student card and a letter of approval from the laboratory manager.

The conference fees cover attendance at the conference, conference proceedings, lunches, breaks, shuttle service and the dinner on Thursday 18 March. They do not cover accommodation or other dinners.

Conference dinner

The conference participants are invited to attend a dinner offered by Total and Alstom, on Thursday 18 March.

This dinner will take place at the restaurant "Hostellerie du Vieux Pérourges" located Place du Tilleul, 01800 Pérourges. It will be preceded by a guided tour(*) of the medieval city, a gem of Middle-Age and Renaissance architecture. (*) *Because of the street paving stones we strongly recommend ladies to wear flat-heeled shoes!*

Participants wishing to attend have to register.

Accompanying persons may participate upon registration and payment at full rate: 85€. The confirmation of their participation will depend on available seats number.

Registration

You can choose to register

- on-line through IFP web site: <http://events.ifp.com>
- or with the enclosed registration form to be completed and sent with your payment, to the administrative secretariat *FC2 Events*.

Upon receipt of the registration and the relevant payment, the administrative secretariat will send a letter of acknowledgment.

Payment

All fees are payable in Euros only:

- by check sent to

FC2 Events
Energy Park – Bât. 6
132–190 boulevard de Verdun
92413 Courbevoie Cedex, France

- by wire transfer to the bank

Agency: BPRIVES CENTRE D'AFFAIRE
Account
n°10207 00113 20217321778 20
IBAN:
FR76 1020 7001 1320 2173 2177 820
BIC/SWIFT: CCBPFRPPMTG

Please mention the reference

CLC2010

on the wire transfer order.

- by credit card

(Visa, Eurocard, Mastercard,
or American Express)

Due to bank charges, commission
fees will be applied to credit card
payments.

Cancellation conditions

All cancellations must be notified in writing to
FC2 Events.

Before 7 February 2010

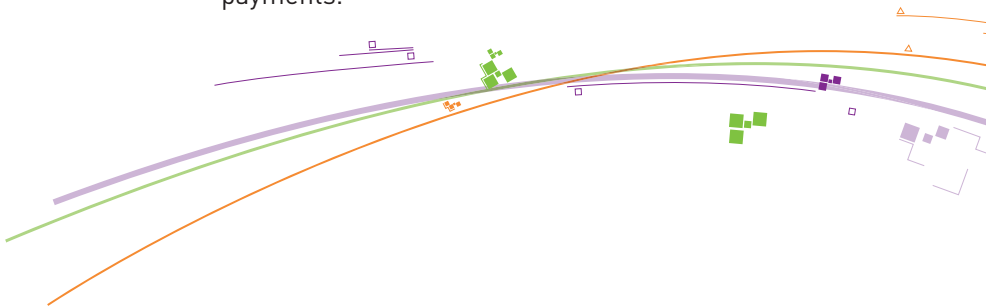
A 40€ penalty will be applied

After 7 February 2010

50% of the total will be held

After 20 February 2010

No refund



Accommodation

Accommodation is not included in the conference registration fees. Participants are required to make their own reservations by contacting the following hotels where a block booking at preferential rates has been made by the organizers for 3 nights (Tuesday 16, Wednesday 17, Thursday 18 March).

The hotels are located in Lyon with easy access to IFP-Lyon.

The deadlines are the responsibility of each hotel, after these dates room availability is not guaranteed.

As there are other congresses in Lyon at this period of the year we encourage you to make your reservation as soon as possible.

In order to benefit from the prices indicated below, please mention "IFP Conference" when booking.

Hotels	Address	Rate per night (including breakfast)	Deadline
AXOTEL PERRACHE **	12 rue Marc Antoine Petit, 69002 Lyon Tel.: +33 4 72 77 70 00 axotel-perrache@hotel-lyon.fr	77€	20 January
BEST WESTERN CHARLEMAGNE ***	23 cours Charlemagne, 69002 Lyon Tel.: +33 4 72 77 70 00 charlemagne@hotel-lyon.fr	92€	20 January
BERLIOZ **	12 cours Charlemagne, 69002 Lyon Tel.: +33 4 78 42 30 31 hb@hotel-berlioz.com	95€	25 January
IBIS CENTRE PERRACHE **	28 cours Verdun, 69002 Lyon Tel.: +33 4 78 37 56 55 H2751@accor.com	102€	15 February
SOLEIL & JARDIN ***	44 rue de la République, 69360 Solaize Tel.: +33 4 78 02 44 90 soleiletjardin@wanadoo.fr	130€	1 February

Access to IFP

By road

From Lyon to Solaize: take the A7 highway (towards Vienne-Marseille) to the Solaize exit, then proceed towards Vernaison

From Lyon-Saint Exupéry Airport: take the A43 highway towards Lyon, then the ring road towards Marseille, then A7 highway

By train

Get off at the SNCF Lyon-Perrache or Lyon-Part-Dieu station, then take a taxi

Shuttle

A free shuttle service will be organised between the Ibis Centre Perrache hotel, 28 cours Verdun - 69002 Lyon (near Lyon-Perrache station) and IFP as follows:

17 March

8.00: departure from the Ibis Centre Perrache hotel to IFP

17.45: departure from IFP to the Ibis Centre Perrache hotel

18 March

8.00: departure from the Ibis Centre Perrache hotel to IFP

17.30: departures from IFP to the Ibis Centre Perrache hotel and to Pérourges for the visit of the village and the conference dinner

22.30: departure from the restaurant to the hotels

19 March

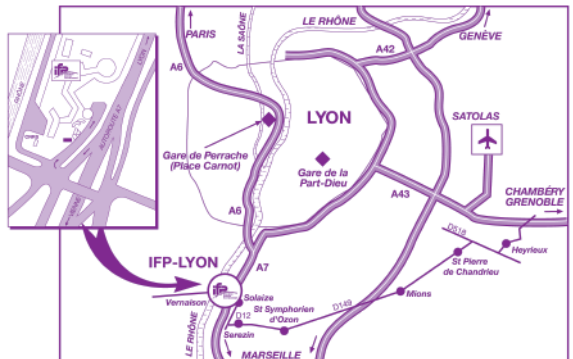
8.00: departure from the Ibis Centre Perrache hotel to IFP

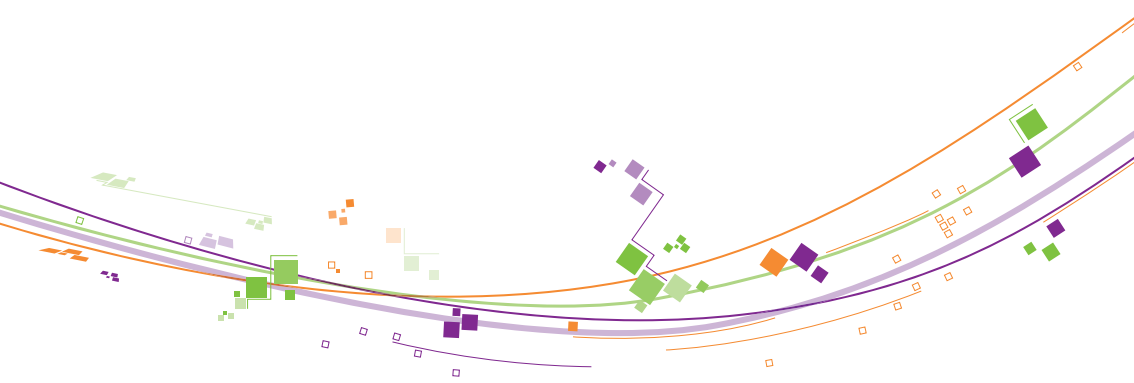
Because of the optional IFP-Lyon premises visit, there will be two shuttle departures from IFP to the Lyon railway stations and to Lyon St-Exupéry airport:

14.35: after lunch

16.00: at the end of the IFP-Lyon premises visit

Please register with the form here enclosed if you wish to use the free shuttle service





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