

CALL FOR PARTICIPATION

and

PROGRAM (draft) of the 41st IEA - Fluidized Bed Conversion Meeting (October 30-31, 2000)

Dear participant, this is the DRAFT programme of the next IEA Fluidized Bed Conversion Meeting, which will be held at the University of Salerno, Fisciano, Italy on October 30th to 31st 2000.

The meeting will take place at the University of Salerno at the following address :

Università di Salerno
Dipartimento di Ingegneria Chimica ed Alimentare
Via Ponte Don Melillo
84084 Fisciano SA, ITALY

The program for the meeting is as follows :

A/ Monday October 30th : WORKSHOP on:

"Attrition Phenomena in Fluidized Bed Conversion of Fossil/Non Fossil Fuels

This workshop will be held from 9.00 - 17.45 at the University of Salerno.

[See appendix for agenda.](#)

B/ 18.00 - 19.30 "EXECUTIVE COMMITTEE MEETING"

This meeting is limited to the national representatives of the IEA/FBC group (members or potential members)

C/ Tuesday October 31st : "TECHNICAL SESSION"

This session will be held from 9.00 - 12.00 at the University of Salerno.

[See appendix for agenda.](#)

41st IEA Fluidized Bed Conversion Meeting

REPLY TO :

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Mail : Institute of Chemical Engineering
Getreidemarkt 9/159
A-1060 Vienna, AUSTRIA
Attn : Prof. Franz Winter

REGISTRATION FORM

Name :
Organisation :
Address :
.....
City and Country :
Phone:
Fax:
E-mail:

I will participate to the Workshop on October 30th YES NO
(please tick your choice)

I will participate to the Technical Session on October 31st YES NO
with the following Presentation (proposed title):

.....

TRAVELLING / HOTEL INFORMATION

The MEETING VENUE is:

Università di Salerno
Dipartimento di Ingegneria Chimica ed Alimentare
Via Ponte Don Melillo
84084 Fisciano SA

The MEETING DATES are October 30-31.

Please remember that November 1st is holiday in Italy.

PLEASE NOTE:

- 1) Reservation should be done by the participants directly with the hotel of their choice AS SOON AS POSSIBLE. Rooms will be hold until 40 days prior to the meeting.
- 2) For booking please use the attached HOTEL RESERVATION FORM and refer to "IEA-FBC Miccio".

A map of the geographical area can be found by looking for **Fisciano** at:

<http://WWW.mapquest.com/>

or

<http://www.excite.it/viaggi/mappe/>

The nearest **airport** to Salerno is Naples (Napoli):

<http://www.gesac.it/en/index.html>

Train connections

<http://www.fs-on-line.com/eng/index.html>

as well as bus connections

http://www.uniplan.it/sita/s500_1.txt

are available from Naples to Salerno

Bus connections

http://www.uniplan.it/sita/s500_3.txt

are also available from Naples to Fisciano directly.

A charter bus will transport meeting participants from the hotel to University and back.

HOTEL ACCOMMODATION FOR THE MEETING DATES.

It is planned on the sea coast at Vietri (Salerno)
<http://www.crimpa.it/EPT/vietri/>
about 18 km (20 minutes) far from Fisciano,
starting from the night of Sunday October 29:

i. Lloyd's Baia Hotel (4 stars)

phone: +39-089-7633111
fax: +39-089-7633633
single room + breakfast: 150000 ITL/night
double room + breakfast: 200000 ITL/night

ii. Hotel La Lucertola (3 stars)

phone: +39-089-210255
fax: +39-089-210837
single room + breakfast: 100000 ITL/night
double room + breakfast: 120000 ITL/night

iii. Hotel Voce del Mare (3 stars)

phone: +39-089-761165
fax: +39-089-210080
single room + breakfast: 100000 ITL/night
double room + breakfast: 120000 ITL/night

HOTEL ACCOMMODATION FOR THE PRECEDING WEEKEND.

It is planned in Naples:
<http://www.traveleurope.it/napoli.htm>
or
<http://www.cib.na.cnr.it/ntnp.html>
or
<http://www.netgroup.it/napoli/>
starting from the night of Friday October 27 or Saturday October 28:

iv. Hotel Mediterraneo (4 stars)

<http://www.venere.it/napoli/mediterraneo/>
phone: +39-081-5512240
fax: +39-081-5525868
e-mail: mediterraneo.na@italyhotel.com
single room + breakfast: 170000 ITL/night
double room + breakfast: 210000 ITL/night

HOTEL RESERVATION FORM

41th IEA Fluidized Bed Conversion Meeting

at Università di Salerno

84084 Fisciano SA, ITALY

PLEASE PRINT :

Make reservation for _____ persons

Name _____

(family name)

(given name)

Company _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail:

Arrival Date : _____ Departure Date : _____

The desired accommodations is as follows:

HOTEL: _____

Single room :

Double room :

Reservation code: "IEA-FBC Miccio".

Please send this form directly to the hotel of your choice!

INTERNATIONAL ENERGY AGENCY WORKSHOP
on
**ATTRITION PHENOMENA IN FLUIDIZED BED
CONVERSION OF FOSSIL/NON FOSSIL FUELS**

Program:

Chairmen: Piero Salatino, Riccardo Chirone, Arnauld Boelle

9 00 - 9 15: Opening of the Workshop

9.15 – 9.45 Influence of attrition phenomena on the steady state particle size distribution in a CFB combustion system; by E.-U. Hartge, J. Reppenhagen, A. Schetzsch and J. Werther

9.45 – 10.15 A survey of attrition research carried out in Naples over the last twenty years; by P. Salatino and R. Chirone

10.15 – 10.45 Influence of attrition on combustion of biomass char; by G. Palchonok, B. Leckner

11.15 – 11.30 COFFEE BREAK

11.30 – 12.00 The effect of attrition on the fly ash formation in biomass combustion in CFBC; by Terttaliisa Lind

12.00 – 12.30 Australian black coals in PFBC; by John F. Stubington

12.30 – 13.00 Ash formation under CFBC conditions; by F. Winter and X. Liu

13.00 – 15.00 LUNCH BREAK

15.00 – 15.45 A survey of attrition research in VINCA; by S. Oka et al.:

- D. Dakic, S. Oka, B. Grubor: Experimental determination of the critical coal particle diameter for primary fragmentation in fluidized bed combustion;
- D. Dakic, M. Ilic, S. Oka: Pressure increase inside coal particle during devolatilization in fluidized bed combustion - New results of mathematical modeling;
- D. Dakic, B. Grubor, S. Oka: Statistical model for prediction of primary fragmentation of coal particles in fluidized bed combustion – Comparison with experimental results.

15.45 – 16.15 Attrition research at EDF (to be confirmed)

16.15 – 16.45 Impact attrition in fluidized beds; by M. Ghadiri (to be confirmed)

16.45 – 17.15 The relevance of attrition phenomena during the fluidized bed combustion of plastic-wastes; by U. Arena and M.L. Mastellone

17.15 – 17.45 CONCLUSIVE REMARKS

Technical Session of the 41st IEA-FBC Meeting

Program:

Chairmen: Franz Winter, Philippe Jaud

09.00 - 09.25 Jukka Konttinen: Recent results with the NO_x and N₂O emission tendency predictor for CFBC

09.25 - 09.50 Vesa Wallen: Fuel mixing in bubbling fluidized bed

09.50 - 10.15 Giuseppe Olivieri: Pre-pilot plant studies on fluidized combustion of liquid fuels

10.15 - 10.30 COFFEE BREAK

10.30 - 10.55 Simeon Oka: How to use data about coal combustion in bubbling fluidized beds for design of the circulating fluidized bed boilers?

10.55 - 11.20 Lufei Jia: Ignition of coal, coke and their mixtures in a FBC

11.20 - 11.45 Andres Cabanillas: Co-combustion of coal and car fluff wastes on circulating fluidized bed