

## HOW TO REACH SARTEANO

### By car

Take Highway A1 (Autostrada del Sole) and exit at Chiusi - Chianciano Terme. From the tollbooth, turn left at the sign "Sarteano" and continue 6 km to the main square.

### By train

Chiusi Station: Chianciano Terme is 8 km navigable by taxi or by bus

### By plane

- Airport Galileo Galilei di Pisa (Km 223)
- Airport Amerigo Vespucci of Florence (Km 137)
- Airport Rome Fiumicino (Km 163)

## WHERE TO STAY(\*\*)

### Hotel La Lanterna

Via Monte Bianco 2 - 53047 Sarteano (SI)

P +39 05782 65300

info@albergolalanterna.com

[www.albergolalanterna.com](http://www.albergolalanterna.com)

Special rate for the event: € 50,00 (single room)

### Hotel Roberta

Via Adige, 19 - 53047 Sarteano (SI)

P. +39 0578 265636

info@albergoroberta.com

[www.albergoroberta.it](http://www.albergoroberta.it)

Special rate for the event: € 55,00 (single room)

(\*\*) Hotel not included in registration fee

## SUMMER SCHOOL REGISTRATION

### Attendee Information

First Name \_\_\_\_\_

Last Name \_\_\_\_\_

Company/University \_\_\_\_\_

Address \_\_\_\_\_

State/Province \_\_\_\_\_

ZIP/Postal Code \_\_\_\_\_

Country \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_

Signature \_\_\_\_\_

### Registration Fee

Amount € 300,00

Payment  
by bank  
transfer to :

European Research Institute of  
Catalysis A.I.S.B.L.  
BANCA MONTE PASCHI BELGIO s.a.  
Avenue d'Auderghem 22  
1040 Bruxelles, Belgium  
Account Number: 643-0041790-60  
IBAN: BE73 6430 0417 9060  
BIC: BMPBBEBB

### How to register

Please fill the form, sign it and submit to :

[sorsi@eric-aisbl.eu](mailto:sorsi@eric-aisbl.eu)

[summerschool@tecnimontkt.it](mailto:summerschool@tecnimontkt.it)

including payment receipt



ENGINEERING OF MEMBRANE REACTORS

FOR THE PROCESS INDUSTRY

Summer School



## SCIENTIFIC PROGRAM

### October 3, 2013

- 12:00-14:00 **Registration and formalities**
- 14:00-15:00 *Introduction of the seminar and targets* - G. Centi (University of Messina, Italy)
- 15:00-15:30 **Coffee Break**
- 15:30-17:00 *Membrane testing methodology* – G. Sarti (University of Bologna, Italy)
- 17:00-18:30 *Process scheme for membrane reactor* - M. De Falco (Campus Bio-Medico, Italy)
- 20:00-21:30 **Dinner (\*)**
- After Dinner *Presentation of poster by participants*

### October 4, 2013

- 9:00-10:30 *Membrane reactor design and modeling* – M. Sheintuch (Technion Institute, Israel)
- 10:30-11:00 **Coffee Break**
- 11:00-12:30 *Structured catalyst and support for membrane reactors* – V. Palma (University of Salerno, Italy)
- 12:30-14:00 **Lunch**
- 14:00-15:30 *Pd based membrane reactor for syngas preparation and WGS* - Y. Van Delft (ECN, The Netherlands)

- 15:30-17:00 *Membrane reactor for hydrocarbons dehydrogenation* – E. Palo (TKT, Italy)
- 17:00-17:30 **Coffee Break**
- 17:30-18:30 *Membrane reactor powered with solar heat* - A. Giaconia (Enea, Italy)
- 20:00-21:30 **Dinner (\*)**
- After Dinner **Getting together**
- Possibility to meet speakers or to organize a student event in Sarteano

### October 5, 2013

#### **Site tour to Tecnimont KT membrane reforming plant at Chieti**

- 08:00- 10.30 Leaving from Sarteano and arrival to Chieti
- 10:30-12:30 Visit of Pilot Plant
- 12:30-13:30 **Lunch**
- 13:30-15:00 *Membrane reforming pilot testing: TKT experiences*, A. Salladini (Processi Innovativi, Italy)
- 15:00-16:30 Presentation of ECN/MRT fabrication method
- 20:30 **Evening dinner in Montepulciano**

### October 6, 2013

- 8:30-9.30 *Oxygen conductive membrane technology perspectives and Challenges* - J. Caro (University of Hannover, Germany)
- 9.30-11.00 *Ceramic Membrane reactor: theory and applications* – F. Kaptein (University of Delft, The Netherlands)
- 11:00-11:15 **Coffee Break**
- 11:15-12:30 *Polymeric Membranes and Polymeric Membrane Reactors: theory and applications* – A. Basile (ITM.CNR, Italy)
- 12:30 – 13:30 Gas separation by membrane technology: Research activity and Industrial applications – P. Pallumbi (Air Liquide, France)
- 13.30-14.30 **Lunch**
- 14:30-15:30 Interactive discussion
- 15:30-16:00 *Closing remarks and perspectives* - G. Centi / G. laquaniello

(\*) Not included in registration fee