

## 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@kt-met.it](mailto:summerschool@kt-met.it)  
including payment receipt



ENGINEERING OF MEMBRANE REACTORS

FOR THE PROCESS INDUSTRY

Summer School



The event is sponsored by



## 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) / G. Iaquaniello (KT, 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 (KT, 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 KT – Kinetics technologies 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: KT 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 (University of Messina, Italy) / G. Iaquaniello (KT, Italy)

(\*) Not included in registration fee