

The GRICU PhD National School

In 2007, GRICU (Chemical Engineering University Group) decided to set up a nationwide educational program in Chemical Engineering at the doctorate level. To accomplish that mission, each year a one-week National School is organized in a different location in Italy. The aim of the School is to enable PhD students to enrich their knowledge in topics of general interest in the area of chemical engineering, as well as in more specific, technologically-oriented application fields. The School also represents the ideal meeting place where PhD students in Chemical Engineering and related areas from different Universities can discuss their experience, ideas, research interests and points of view.

The GRICU National School is open to all PhD students in Chemical Engineering and related areas (such as Materials, Food, Environmental and Safety Engineering). Students from other scientific areas, such as Physical, Natural and Life Sciences, are also welcome.

The School program includes a two-day module dedicated to a Chemical Engineering "core" topic, i.e. Transport Phenomena, Reactors, Thermodynamics, Mathematical Methods for Chemical Engineering. An additional two-day module is devoted to a specific topic with a more practical emphasis. The topic is chosen from the leading-edge, innovative research areas in Chemical Engineering.

This year, the School will take place immediately after the 2012 GRICU National Conference. All school attendees are welcome to join the Meeting at a reduced fee.

Social activities, including a Social dinner, are also scheduled.

More information on the PhD School and the GRICU National Conference Meeting can be found on the web at www.convegnogricu2012.it

The 2012 PhD National School

The "core" topic of the 2012 School is *Transport phenomena*, whereas the advanced application module will be devoted to *Separation processes*. Each topic will be covered in a two-day module, according to the provisional program outlined below. The 2012 School will run from Thursday, September 20th to Sunday, September 23th. Attendees are expected to arrive at the School location on Wednesday, September 19th, and leave on Monday, September 24th. GRICU has agreed with all Italian PhD Committees that credits (CFU) will be granted to the School attendees.

Provisional program

(The final program will be available in the near future)

Thursday, September 20th and Friday, September 21st

Separation processes

Prof. S. Bandini – Nanofiltration and microfiltration

Prof. E. Drioli - Overview and future perspectives; membrane crystallization

Prof. G. Iorio – Membrane reactors

Prof. M. Morbidelli – Continuous chromatography

Prof. E. Reverchon – Supercritical extraction

Prof. G. Sarti – General features; gas separation

Saturday, September 22nd and Sunday, September 23rd

Transport phenomena

Prof. G. Sarti and Prof. F. Doghieri - Mass Transport in Polymeric Matrices

Prof. M. Morbidelli - Stability, Aggregation and Gelation in Colloidal Systems

Prof. M. Vanni - Mechanics and Fluid Dynamics of Colloidal Aggregates

Prof. G. Ianniruberto – Polymer rheology

Chemtex Italia event, Thursday evening

"Research and innovation in sustainable chemistry at Chemtex from Proesa® Technology to biorefineries" **Ing. Dario Giordano**, CTO Chemtex Italia S.p.A.

CHEMTEX HR CAREER DAY: MEETING COMPANY-STUDENTS FOR SELECTION AND RECRUITING OF EXCELLENCE

Employer branding: introduce the company as a potential employer at an international level;

Long term awareness: create visibility and recognition of the company in the medium to long term;

Recruiting: engage with potential international candidates aligned with business needs.

Registration

Registration must be performed by filling the registration form that can be downloaded from the GRICU School and Conference website:

www.convegnogricu2012.it

The registration fee is:

	Bank transfer	Credit card
Only for GRICU PhD National School	€ 550 + Iva	€ 572 + Iva
GRICU Conference and PhD National School	€ 680 + Iva	€ 707 + Iva

Payment of the registration fee must be completed by Sunday, July 31st 2012. To confirm the reservation, the Hotel requires a credit card warranty.

Please refer to the website form any additional information. Inquires about registration and payment can be also done directly at the School Secretariat (see other page of this leaflet).

Registrations received after the deadline of July 31st will not be accepted.

Payment of the registration fee after September 9th will not be accepted and the registration will be cancelled.

Scientific Chairs

Prof. Giulio Sarti (University of Bologna;
Separation processes)

Prof. Massimo Morbidelli (Milan Polytechnic and ETH Zurich;
Transport phenomena)

Invited Lecturers

Prof. Serena Bandini (University of Bologna)

Prof. Ferruccio Doghieri (University of Bologna)

Prof. Enrico Drioli (former UniCal & ITM)

Prof. Giovanni Ianniruberto (University of Naples)

Prof. Gabriele Iorio (University of Calabria)

Prof. Ernesto Reverchon (University of Salerno)

Prof. Marco Vanni (Turin Polytechnic)

GRICU PhD National School Coordinator

Prof. Patrizia Perego (University of Genoa)

Università degli Studi di Napoli Federico II



Dipartimento di Ingegneria Chimica



Consorzio Interuniversitario Nazionale
"La Chimica per l'Ambiente"
www.incaweb.org



Venue

The GRICU PhD National School will be held at Serena Majestic Hotel Residence, in Montesilvano (PE). The Hotel is located on the Adriatic coast, only 5 km from Pescara.

For detailed information:

<http://www.bluserena.it/> info@bluserena.it

Transportation

By car: A14 Milan-Bari motorway, exit Pescara Nord-Città Sant'Angelo. The hotel is only 500 m from the toll. Pescara Nord exit is also near Rome-Pescara motorway connection (A24-A25).

By train: Cabs or buses (line 2/) can be taken from Pescara Centrale station.
The bus stop is in front of the hotel

By plane: Pescara airport is 7 km from Serena Majestic Hotel. Every day there are connections with Milan, Bergamo, Turin, airports.

Organizing Secretariat

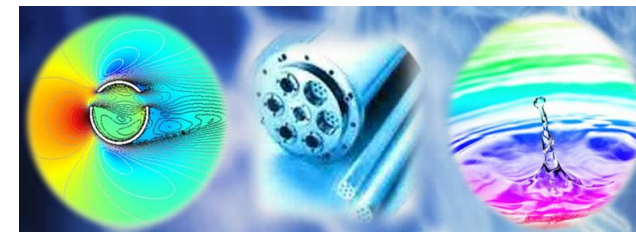
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GRICU PhD NATIONAL SCHOOL 2012

*Transport phenomena
Separation processes*



Montesilvano (PE)
September 20th – 23rd 2012