

Istituto per la Tecnologia
delle Membrane (ITM-CNR)

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Istituto per la Tecnologia
delle Membrane

EMCC5

5th Chemical Engineering
Conference for Collaborative
Research in Eastern
Mediterranean Countries

May 24-29, 2008

Grand Hotel San Michele,
Cetraro (CS) - ITALY

**organized by the
Institute on Membrane Technology
(ITM-CNR)
at the University of Calabria**



emcc5@itm.cnr.it,
www.itm.cnr.it/EMCC5/

Aim and brief history

The aim of the EMCC5 Conference has been and still is to bring together scientists from Eastern Mediterranean Areas and from USA to establish collaborative research links and to promote scientific discussions on the various topics of specific interest in chemical engineering.

This was more and more achieved during the previous editions held in Israel in 1999, Ankara in 2001; Thessaloniki in 2003; and Israel again in 2006.

At the EMCC4 Italy, Bulgaria and Romania have been invited for the first time.

The EMCC5 Conference will emphasize the possibility of creating joint research projects on strategic problems of our Society, where the contributions of Chemical Engineering might be quite significant. The FP7 of the European Union has been considered of particular relevance for reaching the objectives.

Invited speakers from the various Countries involved will present and discuss the topics at the frontiers of our knowledge. Young researchers and PhD students will be invited to participate to the meeting and to the discussions presenting in posters their ideas and research progresses.



Suggested Topics and subtopics

Multiscale modeling: from molecular to process engineering

- * Computational molecular science and engineering
- * CAPE
- * Neural networks and statistical control

Sustainable and intensified processing

- * Membrane science and technology
- * Transport phenomena, thermodynamics
- * Single site catalysis
- * High throughput technologies
- * Ionic liquids
- * Bioseparations
- * Sustainable energy
- * Green chemistry and engineering

Chemical- and bio- engineering for energy

- * Catalysis for biofuels and biorenewables transformations
- * Fuel Cell Technology
- * CO₂ separation, capture for sequestration and utilization
- * Hydrogen production
- * Renewable energy

Biomaterials and bioprocesses for health care

- * Drug and gene delivery
- * Biosensors
- * Biomems and microfluidics
- * Proteomic systems biology
- * Stimuli responsive polymers
- * Biomaterials
- * Metabolic engineering and bioinformatics
- * Tissue engineering and Stem cells

Water purification, reclamation and reuse

- * Desalination
- * Waste water treatment
- * hybrid and integrated processes

Nanostructured and functionalised materials for products and processes

- * Scale-up of nanotechnology processes
- * Nanoparticle catalysts and photocatalysts
- * Bio-nanotechnology
- * Nanoscale science and technology
- * Nanoelectronic materials

Tentative Technical Program

	Morning	Afternoon
Saturday May 24th		Arrivals and Registration
Sunday May 25th	Arrivals and Registration	Plenary Lecture and Session I
Monday May 26th	Session II	Session III and Poster Paper Session A
Tuesday May 27th	Session IV	Session V and Poster Paper Session B
Wednesday May 28th	Session VI	Half-day tour
Thursday May 29th	Session VII	Departures

Conference Organization

Chairman

Enrico DRIOLI (ITALY),

Scientific Committee

Steven M. CRAMER (USA)

Luigi AMBROSIO (ITALY)

Giancarlo BALDI (ITALY)

Alberto BERTUCCO (ITALY)

Vasilis BURGANOS (GREECE)

Angelo CHIANESE (ITALY)

Yachin COHEN (ISRAEL)

Renzo DI FELICE (ITALY)

Moti HERSKOWITZ (ISRAEL)

Alex KATZ (USA)

Vladimiro NIKOLAKIS (GREECE)

Borian RADOEV (BULGARIA)

Guido SARACCO (ITALY)

Rafi SEMIAT (ISRAEL)

Rodica STANESCU (ROMANIA)

Doros N. THEODORU (GREECE)

Yuda YURUM (TURKEY)

Robert M. WELLEK (USA)

Local organizing committee

Enrico DRIOLI

Giuseppe BARBIERI

Adele BRUNETTI

Alessandra CRISCUOLI

Maria A. LIBERTI

Francesco SCURA

Conference Organizer

Institute on Membrane Technology

(ITM-CNR) at University of

Calabria

Secretariat

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Conference Venue

Grand Hotel San Michele

Località Bosco 8/9

87022 Cetraro (Cs) - Italy

Phone: 0982.91012 - Fax 0982.91430

E-mail: sanmichele@sanmichele.it

www.sanmichele.it

Grand Hotel San Michele is an ancient building on a hill with a splendid view over the sea. It is one of the most exclusive hotels on the Tyrrhenian coast.

The recently built Congress Centre capable of seating 300 people is fully equipped for data projection and PowerPoint presentations. In combination with the surrounding 4 meeting rooms, it is highly adaptable for parallel sessions and presentations.

Moreover, the hotel also boasts a panoramic lift to a private 2-kilometre long beach and with every comfort. Most of the food served in the restaurant is from the local farm, even the wine!

San Michele Grand Hotel has several sport grounds where visitors can practice various activities.

How to reach the Grand Hotel San Michele

- By car:

Motorway from Rome – South Caserta – Salerno – Lagonegro North – Fondo Valle Noce – S.S. 18 until Km 293

- By train:





F.S. Station of Paola - Km 21

- By plane:

Lamezia Terme Airport - Km 75



LEGENDA

-  Milan, Rome, Lamezia airports
-  Rome, Paola stations
-  Highway
-  Coastal road and railway route

Payment

Registration Fee should be paid by bank transfer to:

Beneficiary	UNIVERSITA' DELLA CALABRIA, CEMIF.CAL (EMCC5)
Bank address	Monte dei Paschi di Siena – Filiale di Arcavacata di Rende c/c UNICAL, Via Pietro Bucci, 87036 Rende - CS, Italy
Account n.	000000010106
ABI	01030
CAB	80880
BBAN number	F0103080880000000010106
IBAN number	IT 90 F0103080880000000010106
CIN	F
SWIFT CODE	PASCITMMXXX

Please, indicate clearly all the bank coordinates given in the box, as well as your name and address and the reference name of the Conference (EMCC5)

A copy of the bank transfer, together with the Registration Form, should be sent to the Conference Secretariat

M.A. Liberti, Fax: + 39 0984 402103.

Confirmation of registration will be sent when payment is received.

Deadlines

<i>Proposal submission deadline:</i>	<i>January 15, 2008</i>
<i>Hotel Reservation deadline:</i>	<i>March 15, 2008</i>
<i>Author notification:</i>	<i>February 15, 2008</i>
<i>Registration deadline:</i>	<i>April 15, 2008</i>
<i>Extended Abstracts due:</i>	<i>March 10, 2008</i>

Conference Registration

Online registration is recommended via conference website:
<http://www.itm.cnr.it/ECCM5/>

Registration Fee

Category	Early Registration	Late Registration
Participants	350 €	420 €
Students *	200 €	250 €

The registration fee covers:

- Participation to all conference activities, printed materials ...
- Welcoming reception and coffee breaks

* Grants covering at least part of the registration fee and accommodation cost may be available for PhD and Post-Doc students, under their own request. Potential candidates interested in are requested to send their application together with a declaration of their supervisor certifying their status.

Accommodation

Type	Cost
Single room (full board)	100,00 € / per person per day
Double room/single use (full board)	110,00 € / per person per day
Double room two persons (full board)	90,00 € / per person per day
Residence (full board)	75,00 € / per person per day

All the invited speakers should pay both registration fee and Hotel accommodation. Partial contributions will be considered case-by-case on the basis of available financial supports.

All participants should take care of their own reservations directly with the Hotel. Local transportation from and to the Lamezia Terme Airport or Paola Train Station will be arranged and covered by the local Organizing Committee.