

General information

Venue

The conference will be held at Politecnico di Milano – Rogers room, Via Ampère, 2 – 20133 Milan – ITALY

Language

The official language will be English

Participation and abstract submission

Participation is free and includes attendance to all oral sessions, poster session, and coffee breaks. Admittance is limited to the room capacity at all times. Poster presentations from young scientists are welcome and best posters will be awarded with poster prizes. Poster presentation requires registration via e-mail and abstract submission to the conference scientific secretariat within May 15, 2013. The abstract template can be downloaded at the conference website. Also the final program of the event and the abstract book will be available for downloading at the same website.

Hotel accomodation

Selected list of hotels close to the venue:

Hotel Nu (4 stars, www.nu-hotel.com)

Hotel Gamma (3 stars, www.hotelgammamilano.it)

Hotel Lombardia (3 stars, www.hotellombardia.com)

Hotel Lugano (3 stars, <http://luganohotel.net>)

Hotel San Francisco (3 stars, www.hotel-sanfrancisco.it)

Hotel Vienna (3 stars, www.hotelviennamilano.com)

In collaboration with:

FLUORIT

www.fluorit.it

FluorIT starts its activity in 2012 as a spin-off company of the Politecnico di Milano. Core technologies of FluorIT are in surface treatment and functionalization strategies by using hydro/oleo-repellent materials where control of the nanostructure allows to improve self-lubricity, anti-graffiti, stain repellent, and stain release properties. FluorIT also offers R&D consulting and services for crystal structure determination and control. Single crystal and powder X-ray analyses are combined with polymorphs screening and co-crystals synthesis for the optimization of physical and pharmaceutical properties.

Contacts

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Past, Present, and Future of
Crystallography@Politecnico di Milano
From Small Molecules to Macromolecules
and Supramolecular Structures

POLITECNICO DI MILANO



6-7 June, 2013

POLITECNICO DI MILANO
150^o



Thursday, June 6, 2013
Aula Rogers - Via Ampère 2
Politecnico di Milano – Campus Leonardo

Scientific program

- 8:00 - 8:45 **Registration**
- 8:45 - 9:15 **Welcome Addresses**
Giovanni Azzone,
Rector of Politecnico di Milano, Italy
Gautam R. Desiraju,
President of IUCr
Pierangelo Metrangolo,
Politecnico di Milano, Italy
Giuseppe Resnati, DCMIC,
Politecnico di Milano, Italy
- SECTION I**
Chairman: Kari Rissanen
- 9:15 - 9:55 **Robin D. Rogers**, University of Alabama, USA
*Liquid Engineering to crystal engineering:
How Ionic liquids can help us master the
pharmaceutical solid state*
- 9:55 - 10:20 **Alessandra Crispini**, University of Calabria, Italy
*Liquid-crystal engineering: from molecules to
materials*
- 10:20 - 10:45 **Valeria Ferretti**, University of Ferrara, Italy
Crystal engineering of pharmaceutical co-crystals
- 10:45 - 11:15 **Coffee Break**
- SECTION II**
Chairman: Giuseppe Resnati
- 11:15 - 11:55 **Mike Zaworotko**, University of South Florida, USA
Smart(ly Designed) Materials
- 11:55 - 12:20 **Juan J. Novoa**, University of Barcelona, Spain
*Intermolecular interactions in molecule-based magnets:
Long distance bonds between radical ions*

12:20 - 12:45 **Consiglia Tedesco**, University of Salento, Italy
Organic macrocycles for designing porous materials

12:45- 14:00 **Lunch**

SECTION III

Chairman: Mir Wais Hosseini

- 14:00 - 14:40 **Kari Rissanen**, University of Jyväskylä, Finland
Crystallography of Large Supramolecular Complexes
- 14:40 - 15:05 **Chiara Massera**, University of Parma, Italy
Crystallography and supramolecular sensing
- 15:05 - 15:30 **Lars Öhrström**, Chalmers University of
Technology, Sweden
*Network Analysis in Crystal Engineering, more
than dull taxonomy exercises*
- 15:30 - 15:55 **Alessia Bacchi**, University of Parma, Italy
*Molecular recognition of small guests by crystalline
supramolecular systems*
- 15:55 - 16:30 **Coffee Break**

SECTION IV

Chairman: Robin D. Rogers

- 16:30 - 17:10 **Lia Addadi**, Weizmann Institute, Israel
*Crystallography and biomineralization: on crystals,
disordered phases, and their transformations*
- 17:10 - 17:35 **Susan M. Reutzel-Edens**, Eli Lilly & Company, USA
*Structure-based solid-state form design:
Identifying commercially-viable crystal forms for
high quality drug products*
- 17:35 - 18:00 **Fabrizia Grepioni**, University of Bologna, Italy
*In-situ cryocrystallization of halogen-bonded
complexes*
- 18:00 - 19:00 **Poster session**

Friday, June 7, 2013
Aula Rogers - Via Ampère 2
Politecnico di Milano – Campus Leonardo

SECTION V

Chairman: Mike Zaworotko

- 9:00 - 9:40 **Olli Ikkala**, Aalto University, Finland
Self-assemblies for biomimetic materials
- 9:40 - 10:05 **Lucia Carlucci**, University of Milan, Italy
*Porous coordination networks: structures,
entanglements and properties*
- 10:05 - 10:30 **Paola Paoli**, University of Ferrara, Italy
*Recognition and sensing through preorganised
supramolecular hosts*
- 10:30- 11:00 **Coffee Break**

SECTION VI

Chairman: Pierangelo Metrangolo

- 11:00 - 11:40 **Mir Wais Hosseini**, University of Strasbourg,
France
*Challenges in crystal engineering: The molecular
tectonics approach*
- 11:40 - 12:05 **Roland Boese**, Ruhr-Universität Bochum,
Germany
*Supramolecular synthesis – Cocrystallization of
small molecules*
- 12:05 - 12:30 **Giancarlo Terraneo**, Politecnico di Milano, Italy
*In-situ cryocrystallization of halogen-bonded
complexes*
- 12:30 - 12:55 **Vera Vasylyeva**, University of Duesseldorf,
Germany
*Fluorine and deuterium: Influence on the crystal
architecture*
- 12:55 **Concluding remarks**