

Scope of the Workshop

The conference is the second international Workshop on Layered materials organised by the Universities of Piemonte Orientale and Torino and under the auspices of the International Zeolite Association, the Italian Zeolite Association (AIZ) and the Italian Crystallographic Association (AIC).

The first conference held in Alessandria (Italy) in August 2006, was mainly devoted to outline structure and properties of synthetic clays and clay minerals and their applications in Catalysis, Polymer Science and Nanotechnology.

The present Workshop is supported by the Commission on Inorganic and Mineral Structures (CIMS) of the International Union of Crystallography (IUCr) and will focus on different types of layered materials (perovskite-type, silicates, inorganic actinide compounds, organic-inorganic hybrids, etc...), the chemistry and structure of which may lead to highly technological solids, designed to improve their optical, magnetic and electronic properties. These materials can be used for a wide range of applications, from sensor devices to optical and magnetic imaging. The workshop will focus on spectroscopic, diffraction and computational methods to describe the structure and on physical tools to monitor properties in order to enlighten the structure-property relationships.

Topics and Plenary Lectures

The scientific programme of the Workshop will be divided into four topical sessions, and eminent scientists have agreed to present plenary lectures on the state-of-the-art of these topics:

- 1) **Hybrid materials**, D.B. Mitzi, "Structure-property relationships in layered organic-inorganic perovskites"
- 2) **From mineral layers to materials**, S. Krivovichev, "Layered oxysalt minerals and their modified analogs: structure and applications"
- 3) **Structural and computational methods**, P. Ugliengo, "Periodic ab initio DFT calculations on siliceous layered materials"
- 4) **Properties and applications**, J. Rocha, "Engineering photoluminescence centers in layered lanthanide materials"

Key-dates

2007	December 20	Submission of Abstracts
2008	February 1	Notification of Acceptance, 3 rd Circular
2008	February 20	Conference Program

Meeting Secretariat

Dr. Giuseppina Cannatelli

Correspondence

Prof. Leonardo Marchese
and Dr. Chiara Bisio

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Università del Piemonte Orientale
"A. Avogadro"



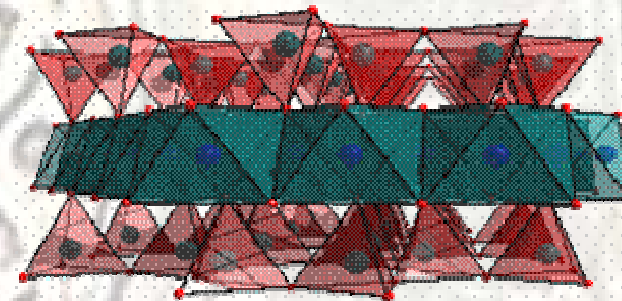
and
Università degli Studi
di Torino

organize the

II International Workshop

on

**"Layered Materials:
Structure and Properties"**



28th-29th March 2008

Vercelli (Italy)



Journal of
Materials Chemistry



International Zeolite Association



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II International Workshop On Layered Materials: Structure and Properties



Conference Venue

The II International Workshop on Layered Materials will be held in the conference room “Cripta di S. Andrea” of the Faculty of Letters and Philosophy

Università del Piemonte Orientale
“A. Avogadro”

Via Galileo Ferraris 116, Vercelli (Italy).

More information are available on the workshop web site.

Accommodation

Accommodation of the participants could be arranged in hotels in Vercelli.

Information on the available hotel and other facilities will be provided on the web site of the Workshop.

Conference Fees

Participants

Before February 15, 2008 250 €

After February 15, 2007 300 €

Students

Before February 15, 2008 150 €

After February 15, 2007 200 €

Accompanying Persons

50 €

The Congress fees will cover conference materials, coffee-breaks and social events. The registration fees will be paid by bank transfer or cheques.

Information about the bank account will be available on the Workshop web site.

Scientific Committee

Prof. H. Gies (*chair*)

(Ruhr Universität Bochum, Germany)

Prof. H. O. Pastore (*chair*)

(University of Campinas, Brasil)

Prof. U. Costantino

(University of Perugia, Italy)

Prof. W. Depmeier

(University of Kiel, Germany)

Prof. G. Ferraris

(University of Turin, Italy)

Prof. S. Merlino

(University of Pisa, Italy)

Prof. D. Pandey

(Banaras Hindu University, India)

Organizing Committee

Prof. L. Marchese (*chair*)

Dr. E. Boccaleri

Prof. G. Ferraris

Dr. G. Gatti

Prof. C. Rinaudo

Prof. D. Viterbo

Contributions

The abstracts for oral and poster presentation should be sent before December 20th, 2007 as an e-mail attachment in WORD.doc format to layeredmaterials@mfn.unipmn.it.

The instructions for abstract preparation can be downloaded from the web.

The abstract should not exceed two pages (12 pt Times New Roman font, single line spacing on A4 paper with margins of 2 cm), including tables, figures and references.

The document should contain title, name(s) and affiliation(s) of author(s), and contact address of the corresponding author. Authors must select the session in which the paper will be included and their preference for the type of presentation (oral, poster).

All the abstracts of the accepted contributions will be included in a “Book of Abstracts” that will be distributed during the Congress.

Grants

*A limited number of grants covering registration fees, accommodation and meals will be available for young scientists who are kindly invited to submit a request for such a support, together with a copy of their CV and an accompanying letter from supervisor. **The deadline for submission is December 30th, 2007.***

www.layeredmaterials.mfn.unipmn.it