

Scope of the Workshop

The conference is the third international workshop on layered materials, organised in 2010 at the Ruhr University Bochum (RUB) and supported by the International Zeolite Association (IZA).

The first conference held in Alessandria (Italy, 2006) was mainly devoted to outline the structure, properties and applications of synthetic clays and clay minerals.

The second meeting in Vercelli (Italy, 2008) presented a broad variety of different types of layered materials describing their chemistry, structure and physical properties in order to enlighten the structure - property relationships.

The present workshop will focus on the intelligent design of new materials including layered silicates, phosphates, double hydroxides, organic-inorganic hybrids, and others. Newly designed compounds with improved properties can be used for a wide range of applications, from catalysts, membranes, sensor devices to optical and magnetic imaging. The workshop will also focus on characterization techniques like spectroscopy, diffraction and computational methods.

The scientific program of the Workshop will be divided into four topical sessions. Each session will be introduced by a plenary lecture on the state-of-the-art of the particular topic.

Topics and Plenary Lectures

1) Hybrid Layered Materials

Jocelyne Brendlé, C.N.R.S., Mulhouse, France

2) Layered Precursors for Frameworks

Takashi Tatsumi, Tokyo Inst. Technol., Yokohama

3) Synthesis of Layered Materials - Time Resolved Experiments.

Heloise Pastore, University of Campinas, Brasil

4) Layered Thin-Films – Membranes, Batteries, Sensors

Michael Tsapatsis, University of Minnesota

Key-dates

2010 March 15	Submission of Abstracts
2010 March 30	Notification of Acceptance
2010 April 15	3rd Circular, Conference Program

Conference Fees

Participants

Before March 31, 2010	250 EUR
After March 31, 2010	300 EUR

Students

Before March 31, 2010	150 EUR
After March 31, 2010	200 EUR

Accompanying Persons 50 EUR

The fees will cover conference materials, coffee breaks and social events. Information on the money transfer is given on the web site of the workshop.

Meeting Secretariat:

Dr. Bernd Marler

Correspondence

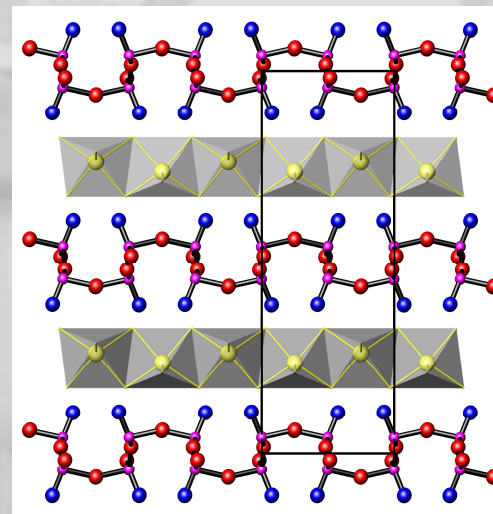
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III International Workshop

“Layered Materials: Design and Function”



14th – 15th May 2010
Bochum, Germany

RUHR
UNIVERSITÄT
BOCHUM

RUB



International Zeolite Association

Conference Venue

The III International Workshop on Layerd Materials will be held in the conference center of the Ruhr University Bochum.

The Ruhr University with about 33000 students and 4700 employees integrates all disciplines (arts, law, economics, social sciences, engineering, science, medicine, ..) on a single campus. At the Ruhr University, research is as prominent and diverse as the university itself. The research focus is in life sciences, plasma physics and technology, and materials science.

Bochum is situated in the center of the Ruhr area - formerly dominated by coal mining and steel production. The ongoing process of restructuring established new high-tech industries, educational and cultural institutions which are now even more important than the manufacturing sector.

Increasingly, the universities and technology centers have a prominent impact on Bochum and the Ruhr area. Museums of the inherited industrial culture like the famous Mining Museum, the Bochum Theater and - especially in the evening - the amusement area called „Bermuda triangle“ are points of attraction.

In 2010 the Ruhr area is the European Capital of Culture with a huge number of cultural events. In a previously unknown manner 53 cities, towns and parishes with more than five million inhabitants invite you to take part. You might wish to stay some more days in Bochum and surroundings!

How to reach Bochum

Bochum can be easily reached by car or train since several highways and major railway lines will take you here. Several airports are in a distance of 45 - 60 min (train, car): Dortmund Airport, Düsseldorf International Airport, Cologne Bonn Airport

Scientific Committee

Prof. J. Breu
(University of Bayreuth, Germany)

Prof. W. Depmeier
(University of Kiel, Germany)

Prof. G. Ferraris
(University of Turin, Italy)

Prof. H.Gies
(Ruhr University Bochum, Germany)

Prof. L. Marchese
(University of Piemonte, Italy)

Prof. H. O. Pastore
(University of Campinas, Brasil)

Prof. J. Patarin
(C.N.R.S. Mulhouse, France)

Prof. W. Schwieger
(University of Erlangen, Germany)

Local Organizing Committee

Prof. H. Gies
Prof. L. Marchese

Dr. B. Marler
Dr. M. Fechtelkord

www.layeredmaterials.rub.de

Contributions

The abstracts for oral and poster presentation should be sent before March 15, 2010 as an email attachment in word.doc format to

layeredmaterials@rub.de

The instructions for abstract preparation can be found on the web site.

The abstract should not exceed two pages including tables, figures and references.

The contribution should contain the title, name(s) and affiliation(s) of the author(s) as well as the contact address of the corresponding author.

Authors must select the session in which the contribution should be included and should indicate their preference for the type of presentation (poster or oral).

The abstracts of all accepted contributions will be included in a “Book of Abstracts“ that will be distributed during the workshop.

Grants

A limited number of grants supporting the registration fee will be available for young scientists. Informal applications including an accompanying letter of the supervisor should be sent together with the abstract of the contribution.

Accomodation

Accomodation for all participants could be arranged in Hotels in Bochum. Informations are provided on the web site of the workshop.