

New Era of Nanotechnology

3rd International Conference on Advanced Complex Inorganic Nanomaterials (ACIN 2015)

<http://www.unamur.be/acin2015>

July 13-16, 2015

Namur, Belgium

Scope and tentative program
Call for papers

Submit your abstract before December 15th 2014
to

Email: acin2015@unamur.be

Invitation

Following the great success of ACIN2011 and ACIN2013 and spurred on by the enthusiasm of the participants at ACIN2013, the organising committee would like to extend a cordial invitation to all researchers with an interest in nanomaterials, to participate in the second International Conference on Advanced Complex Inorganic Nanomaterials (ACIN 2015) that will be held in **Belgium from 13th to 16th July 2015.**

ACIN 2015 is a four day scientific meeting jointly organised by the University of Namur (Belgium), the Université Catholique de Louvain (Belgium), the Wuhan University of Technology (China), the Georgia Institute of Technology (USA) and the Technische Universität Berlin (Germany).

Background

Energy, environment and health care are amongst the top priorities of modern society. Such issues have sparked phenomenal interest in nano-materials as they hold great promise to develop new advanced devices and equipment which revolutionise the way we live. Investigating the structuration of materials on the nanoscale has revealed unprecedented physical and chemical properties. These specific functionalities are the consequence of a complex multi-level organisation (chemical, structural, textural) of the architecture of inorganic nanomaterials. The global properties and functional performances largely depend on the extent to which these levels are mastered during the synthesis process.

Scope of the meeting and call for papers

The aim of this meeting is to offer an update of recent innovations and to highlight the latest advances and progress in the field of inorganic nanomaterials. We encourage researchers to submit an abstract of their relevant work related to all fields of Inorganic Nanomaterials such as:

- ◆ **Advanced preparation methods to New Inorganic Nanomaterials, new properties and cutting edge characterization techniques:** New precursors, new methods, new processing and shaping and fundamental aspects of synthesis: sol-gel technology, self-assembly, templating, artificial integration, encapsulation, immobilisation, functionalisation, LBL, ship-in-bottle,...

- ◆ **Nanomaterials, functional porous materials, coordination networks, bio-inspired nanomaterials, hybrid nanomaterials and living materials:** Nanostructures, nanoparticles, nanotubes, ceramics, membranes, films, self-assembly, supramolecular systems, co-ordination polymers, zeolites, MOFs, mesoporous materials, hierarchically structured materials, carbons, natural materials, bioinspired and biomimetic materials, biomineralisation and biotemplating, bio-integrated materials, biocomposites, organometallics, green materials for construction, inorganic switches etc.
- ◆ **New applications:** (Photo)Catalysis, sensors, gas storage, magnetism, photomagnetism, spin crossover, optics, photochromism, (super)conductivity, energy conversion and storage such as: fuel cells, (DS)solar cells, batteries, supercapacitors, artificial photosynthesis, CO₂ photoreduction, water splitting, thermal energy to electricity and storage etc.

The United Nations (UN) proclaimed that 2015 is the **International Year of Light and Light-based Technologies**. The UN has recognized the importance of raising global awareness about how light-based technologies can promote sustainable development and provide solutions to global challenges in energy. **A special session of this conference will be organised on the solar energy based technology.**

Special issue in a high impact journal

Papers submitted during ACIN 2015 will be published, after peer-review, in a theme issue of a reputed journal.

Tentative program

- Opening Nobel Prize Lecture (50 minutes),
- 5 plenary lectures (45 minutes) and 10 keynotes (30 minutes) given by renowned scientists,
- 25 invited talks by selected eminent scientists (20 minutes),
- Around 50 oral presentations (15 minutes)

Important dates

Abstracts: 15th December 2014
Notification of acceptance: 15th January 2015
Conference opening: 13th July 2015
Online submission window for full manuscripts for the special issue: 15th August - 15th October 2015

Access to Belgium

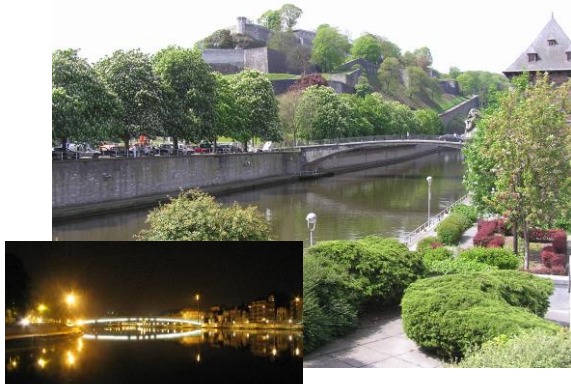
More than 100 international airlines serve Brussels Airport.

Different low fare air companies also operate connections between major European cities and North Africa and Charleroi-Brussels-South Airport.

Belgium

Belgium, as one of the founding members of the European Union, is the heart (Capital) of Europe and hosts institutions like the European Commission, European Parliament, NATO and many other international organisations.

Belgium, a federal Kingdom, has more than 600 well-known beers and produces many global branded deluxe chocolates. Belgium is a high-tech country with over 10 well ranked top universities.



Namur and Wallonia, The Art of Living

Namur is the Capital of Wallonia, one of the three regions of Belgium. Come and rediscover the natural way of living. There is always something happening in Wallonia. Pleasant surprises await you wherever you go. The fresh air of the Ardennes is on our doorstep. Contact with the outdoors is calling!

Conference venue

The Conference will be held at the University of Namur campus, which is located in the centre of the city. A series of modern and boutique type hotels such as Ibis, Chateau de Namur, Les Tanneurs, Hotel Beauregard, Leonardo etc. can offer you great Belgian hospitality and a pleasant stay. Around a hundred student lodging rooms will also be available.

International Scientific Committee

(To be completed and confirmed)

Prof. Jean-Marie Lehn, University of Strasbourg, France,
Prof. Michael Graetzel, Ecole Polytechnique Fédérale, Lausanne
Prof. Luisa De Cola, University of Muenster, Germany
Prof. Susumu Kitagawa, Kyoto University
Prof. Xin-He Bao, DICP, Chinese Academy of Sciences
Prof. Lee Cronin, University of Glasgow, UK
Prof. Di Zhang, Shanghai Jiaotong University,
Prof. Clare P. Grey, University of Cambridge, UK,
Prof. Clément Sanchez, Collège de France, France
Prof. Gustaaf Van Tendeloo, University of Antwerp, Belgium
Prof. Shin-Ichi Ohkoshi, University of Tokyo, Japan,
Prof. Xiao-Ming Chen, Sun Yat-Sen University, China
Prof. Dirk De Vos, Katholieke Universiteit Leuven, Belgium
Prof. Peter. Bruce, University of Saint-Andrews, UK
Prof. Sheng Dai, Oak Ridge National Laboratory, USA
Prof. Song Gao, Peking University, China,
Prof. Eugenio Coronado, Universidad de Valencia, Spain
Prof. Leone Spiccia, Monash University, Australia
Prof. Rudi Cloots, University of Liège, Belgium
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Prof. Jacques Livage, Collège de France, France
Prof. Tao Zhang, Dalian Institute of Chemical Physics, China
Prof. Max G. Q. Lu, University of Queensland, Australia,
Prof. Pascal Van Der Voort, University of Gent, Belgium
Prof. Yu Li, Wuhan University of Technology, China
Prof. Yann Garcia, Université Catholique de Louvain, Belgium
Prof. Bao-Lian Su, University of Namur, Belgium

Organising committee (To be completed)

Prof. Bao-Lian Su (Co-chair),
University of Namur, Belgium
Prof. Yann Garcia (co-chair),
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Prof. Alain Krief , (co-Chair)
University of Namur, Belgium
Prof. Matthias Driess (co-chair),
Technological University of Berlin, Germany
Prof. Zhong-Lin Wang (co-chair),
Georgia Institute of Technology, USA
Prof. Qing-Jie Zhang (co-chair),
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Conference Secretary (Registration)

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For more information

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