

## Topics

The aim of the conference is to bring together physicists, chemists and biologists as well as other scientists who have joined the forces to study the interaction, structure and dynamics in biomedical and nanostructured systems by a range of spectroscopic techniques (NMR, EPR, IR, Raman, Fluorescence, Photoelectron Spectroscopy, X-ray) and theoretical methods (Ab Initio Hartree-Fock, DFT, semiempirical methods, MD, MM). At the same time, the conference offers the opportunity to strength the scientific cooperation between Romanian researchers and the international research community.

## Format of the conference:

Invited talks  
Oral presentations  
Poster sessions

Invited talks and contributed papers, both oral and poster presentations, will be published in the *Studia Chemia*.

Book of Abstracts of contributed papers will be distributed to the participants at the beginning of the Conference.

## Conference site:

The 4-th Conference on Advanced Spectroscopies on Biomedical and Nanostructured Systems (BioNanoSpec) will be held between September 4-7, 2011, in Cluj-Napoca, Romania.

The conference venue will be the the central building of the Babeş-Bolyai University, located in Str. Mihail Kogalniceanu, nr.1, Cluj-Napoca, Romania.

The conference language will be English.

## City

Settled along the Someş river, Cluj-Napoca (Kolozsvár, Klausenburg) city is one of the most important academic, cultural and industrial centers in Romania. Considered to be the historic capital of Transylvania, the city is located in northwestern part of Romania and it is one of the most visited cities in the country.

The city spreads circle-wise from St. Michael's Church - built in 14th century - named after Michael the Archangel, the patron saint of Cluj-Napoca.

The city is today one of the most important academic, cultural, industrial and business centers in Romania. Students count more than a third of the town's population. Among others, it hosts the largest university in the country, Babeş-Bolyai University with more than 54000 students.

Many hotels and restaurants as well as museums, historical or archaeological monuments, galleries, botanical garden, shopping centers, banks or exchange offices are within walking distances from the conference site.

The climate in Cluj-Napoca is relaxing and refreshing due to a relatively constant temperature (winter average -1.9 oC, summer average 18.7 oC). During August, the ambient temperature varying normally between 25 - 35 oC.

Cluj Napoca can be reached by plane, train, bus or car.



# Advanced Spectroscopies on Biomedical and Nanostructured Systems Cluj-Napoca, Romania, September 4-7, 2011

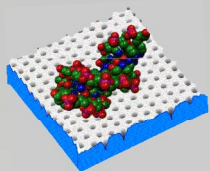


Conference Secretary

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### First Announcement

The Conference is organized by the Interdisciplinary Research Institute on Bio-Nano-Sciences, in collaboration with the Departments of Physics, Chemistry and Biology from Babeş-Bolyai University, Cluj-Napoca.

Following the lines of the first three conferences organized in September 2004, September 2006 and September 2008 in Cluj-Napoca, this fourth edition will bring together physicists, chemists and biologists as well as other scientists who are using spectroscopic techniques and/or theoretical methods to study the interaction, structure and dynamics in biomedical and nanostructured systems. A prestigious list of invited speakers will be assembled, but there is also room in the program for contributed talks and posters.

We will be delighted to welcome all of you for an interesting scientific experience and hope that the conference will provide a stimulating environment for many interesting discussions and beginning collaborations.

If you are interested to attend the Conference and wish to receive the Second Announcement, please register on-line on the conference website.

Please bring this information to all peoples in your department who might be interested!

We look forward to see you with us, and hope that the conference will provide a stimulating environment for many interesting discussions and budding collaborations.

Sincerely,  
Prof.dr. Simion Simon  
Chairman

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S. Simon, Babeş-Bolyai University, Cluj-Napoca  
H.P. Trommsdorff, Joseph Fourier University, Grenoble

### Confirmed invited speakers

Bhanu P. Jena	Marco Geppi
Juergen Popp	Dietrich R.T. Zahn
Heinz-Juergen Steinhoff	Carlo Adamo
Sebastian Schlücker	Patrice Baldeck
Sergiy Afonin	Irena Kostova
Bernhard Lendl	

### Important dates:

Abstract submission: June 15, 2011  
Acceptance of the submitted abstracts: July 1, 2011  
Early fee payment and registration: July 30, 2011  
Final program: July 30, 2011  
Manuscript submission: August 22, 2011  
Revised manuscript submission: September 19, 2011

### Organizing committee

Chairman: S. Simon  
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Secretary: R. Silaghi Dumitrescu

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