



# NT-SMT-LS 2014



July 24-26, 2014, Brasov, Romania.

<http://maternologie.ro/envirpubhealth/smt.l.s.2014@gmail.com>

## CALL FOR PAPERS

**New Trends on Sensing- Monitoring - Telediagnosis for Life Sciences - NT-SMT-LS** is an international conference on (tele)diagnosis for medicine, integrative environmental sciences, sensors for food control and forestry, new trends in biomedical engineering sciences.

The NT-SMT-LS 2014 will take place in Brasov, Romania and will be organized by the Transilvania University of Brasov in collaboration with Università degli Studi di Milano (Italy), University of Perpignan Via Domitia (France), EURACHEM Romania, International Association of Online Engineering, Order of biochemists, biologists, chemists from the health system (Romania).

The conference will bring together Romanian and foreign universities and leading representative entities from international and national scientific research, as well as scientific and professional organizations. It will give the opportunity to present new results, discussions and exchanges of experience in the fields mentioned above.

## Topics of Interest

- Telediagnosis for Medicine
- Integrative Environmental Sciences
- New Sensors for Food Control and Forestry
- New Trends in Biomedical Engineering Sciences

## Dates and Venue

July 24 (12.00) - July 26 (13.00),  
2014, Brasov, Romania

Aula - Transilvania University of  
Brasov, Romania (Str. Iuliu Maniu  
41A, Brasov, Romania)

## Program Overview

Codruta COBZAC - Image processing in TLC

Anca Elena GURZAU- Rural contamination environment - new threats to public health

Eugen Stelian GURZAU- Environmental health risk assessment: Romanian expertise

Tamas KOSZEGI- Biomarkers in diagnosis and assessment of systemic diseases

Marijana Vučić LOVRENCIC- New diagnostic tools for diabetes mellitus

Jean Louis MARTY- Evaluation of anti-oxidant capacity using (bio)analytical methods, G. Catanante, C. Calas and J-L. Marty

Aurel MIRONESCU- The use of digital simulating devices for the improvement of the 'learning curve' of laparoscopic surgery

Florentina-Daniela MUNTEANU- Analytical tools for environmental monitoring

Monica NEAGU- Image guided-drug delivery and nanotheranostics

Gilvanda NUNES- Environmental monitoring of pesticides by using bioanalytical techniques

Patrizia RESTANI- HPTLC: new applications in the fields of food and food supplements

Gabriel-Lucian RADU- Environmental monitoring using electrochemically modified electrodes based on 4,4'-bipyridine derivatives; A. Chira, B. Bucur, M.C. Radulescu, G.L. Radu

Liliana ROGOZEA- Telemedicine in Romania. Actualities and perspectives; L. Rogozea, E. Dinu, F. Leasu, A. Repanovici, M. Badea

Cornelia Diana ROMAN- Exposure assessment to trihalomethanes (THMs) from drinking water and effects on human health

Livia SANGEORZAN- Online software tool for medical instruments recognition by the medical student; L. Sangeorzan, C. Nitescu, E. Dinu, L. Rogozea

Cristiana TANASE- Proteomics - New tools for personalized medicine

Diana TINT- Telecardiology in heart failure

Polonca TREBSE- Reactions and toxicity of selected sun protection compounds in waters

Aurelia TUBARO- New trends in monitoring marine algal toxins in environmental and seafood

Alina VASILESCU- Challenges in the development of biosensors for food allergens: examples of gliadin and lysozyme

AND MORE TO COME...

## Travel Information

Brasov is one of the most beautiful cities in Romania. Surrounded by the peaks of the Southern Carpathian Mountains and rich in architecture and history, it is also home to the narrowest street in Europe (Strada Sforii) and nearby the legendary castle of Dracula (Bran Castle). You will be able to discover this great city whilst participating in an international conference program.

## International Scientific Committee

### Honorary President of the Conference

Ioan Vasile ABRUDAN, Rector - Transilvania University of Brasov, Romania

### Conference Chairpersons

Mihaela BADEA, Transilvania University of Brasov, Romania  
Marius MOGA, Transilvania University of Brasov, Romania  
Patrizia RESTANI, Università degli Studi di Milano, Italy  
Jean-Louis MARTY, University of Perpignan Via Domitia, France

### International Scientific Committee

Ioan Vasile ABRUDAN, Transilvania University of Brasov, Romania  
Michael AUER, Carinthia University of Applied Sciences Villach, Austria  
Mihaela BADEA, Transilvania University of Brasov, Romania  
Doina Paula BALABAN, Ovidius University Constanta, Romania  
Nicusor BIGIU, Transilvania University of Brasov, Romania  
Elena BOBESCU, Transilvania University of Brasov, Romania  
Vincenzo BRANDOLINI, University of Ferrara, Italy  
Daniela BRATOSIN, National Institute R & D for Biological Sciences, Romania  
Victoria BURTEA, Transilvania University of Brasov, Romania  
Codruta Simona COBZAC, Babes-Bolyai University of Cluj-Napoca, Romania  
Gheorghe COMAN, Transilvania University of Brasov, Romania  
Lucian CURTU, Transilvania University of Brasov, Romania  
Mihaela EMANDI, Direction of Public Health, Brasov, Romania  
Denis ENACHESCU, University of Bucharest, Romania  
Cornelia ENACHESCU, Institute for Mathematical Statistics and Applied Mathematics, Bucharest, Romania  
Laura FLOROIAN, Transilvania University of Brasov, Romania  
Mladen FRANKO, University of Nova Gorica, Slovenia  
Alice GOOD, University of Portsmouth, UK  
Diana Bueno HERNANDEZ, Sección de Bioelectrónica, Ingeniería Eléctrica, CINVESTAV, Mexico  
Gabriela GARBAN, Ministry of Health, National Institute of Public Health, Regional Centre Timisoara, Romania  
Eugen GHEORGHUI, International Centre of Biodynamics, Bucharest, Romania  
Stefano GIROTTI, University of Bologna, Italy  
Dan GRIGORESCU, Transilvania University of Brasov, Romania  
Anca Elena GURZAU, Babes Bolyai University Cluj Napoca, Environmental Health Center Cluj Napoca, Romania  
Eugen Stelian GURZAU, Iuliu Hatieganu University of Medicine and Pharmacy Cluj Napoca, Babes Bolyai University Cluj Napoca, Environmental Health Center Cluj Napoca, Romania  
Dubravka JURETIC, Croatia  
Tamas KOSZEGI, University of Pecs, Hungary  
Simona Carmen LITESCU, National Institute for Biological Sciences, Centre of Bioanalysis, Romania  
Marijana Vučić LOVRENCIC, Clinical Institute of Medical Biochemistry and Laboratory Medicine, Zagreb, Croatia  
Jean Louis MARTY, University of Perpignan Via Domitia, France  
Radovan METELKA, University of Pardubice, Czech Republic  
Aurel MIRONESCU, Transilvania University of Brasov, Romania  
Marius MOGA, Transilvania University of Brasov, Romania  
Ioana MOISIL, Lucian Blaga University of Sibiu, Romania  
Sorin MORARU, Transilvania University of Brasov, Romania  
Maria Cruz MORENO BONDI, Complutense University of Madrid, Spain  
Roberto MUNOZ GUERRERO, Sección de Bioelectrónica, Ingeniería Eléctrica, CINVESTAV, Mexico  
Florentina-Daniela MUNTEANU, Universitatea "Aurel Vlaicu" din Arad, Romania  
Monica NEAGU, National Institute Victor Babes Bucharest, Romania  
Gilvanda NUNES, University of Maranhao, São Luis, Maranhao, Brazil  
Alina PASCU, Transilvania University of Brasov, Romania  
Mariana RADOI, Transilvania University of Brasov, Romania  
Gabriel-Lucian RADU, Polytechnic University Bucharest; National Institute of Research and Development for Biological Sciences, Centre of Bioanalysis, Romania  
Cristian RAVARIU, Polytechnic University of Bucharest, Romania  
Patrizia RESTANI, University of Milan, Italy  
Liliana ROGOZEA, Transilvania University of Brasov, Romania  
Abdel-Badeeh SALEM, Ain Shams University, Abbasia, Cairo, Egypt  
Cornel SAMOILA, Transilvania University of Brasov, Romania  
Livia SANGEORZAN, Transilvania University of Brasov, Romania  
Dana SIMIAN, Lucian Blaga University of Sibiu, Romania  
Polonca TREBSE, University of Ljubljana, Slovenia  
Cristiana TANASE, National Institute Victor Babes Bucharest, Romania  
Diana TINT, Transilvania University of Brasov, Romania  
Aurelia TUBARO, University of Trieste, Italy  
Alina VASILESCU, International Centre of Biodynamics, Bucharest, Romania  
Karel VYTRAS, University of Pardubice, Czech Republic  
Doru URSUTIU, Transilvania University of Brasov, Romania  
Nicolae Victor ZAMFIR, National Institute of Physics and Nuclear Engineering "Horia Hulubei", Bucharest, Romania  
Danilo Garbi ZUTIN, Carinthia University of Applied Sciences Villach, Austria

## IMPORTANT Deadlines

April 1st, 2014 – Registration and abstract submission

April 15th, 2014 - Notification of acceptance

May 1st, 2014 – Deadline for early registration fee.

June 15th, 2014 – Deadline for late registration fee (for contributions included in Abstracts Book).

May 1st, 2014 – Deadline for Young Scientist Paper Award competition

