

2014 International Conference on Control,  
Decision and Information Technologies

CoDIT'14

Call for papers -- Special Session on:  
Bio-inspired Systems for Chemical Component control  
for CODIT2014

November 3-5, 2014 - Metz, France

## Session chair

Dr. Maryam Siadat, LCOMS Lab, Université de Lorraine, France

## Session description

Artificial implementations of biological systems (electronic nose and tongue) require reliable multi-sensor array, sensory feature extraction and pattern recognition methods. Many fields of research are involved such as specific sensor fabrication, adapted system designs, signal processing and multivariate data analysis, conducing to the nature identification of complex gaseous or liquid samples. The development of these systems knows a huge increasing interest in many applications (industries, food quality control, air quality monitoring, ...) because they are robust, not expensive and permit real-time measurements.

This section concerns chemical sensor development, system designs and their applications.

## Topics

- ▶ Specific sensor development
- ▶ Signal processing and data mining
- ▶ Electronic nose and electronic tongue
- ▶ Intelligent multisensory systems
- ▶ Applications

## Submission

Please submit your full paper or extended abstract of 2 to 3 pages choosing the right track on the EasyChair site:  
<https://www.easychair.org/conferences/?conf=codit14>

June 20, 2014: deadline for paper submission

July 10, 2014: notification of acceptance/reject

September 10, 2014: deadline for final paper and registration

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