

CALL FOR ABSTRACT

We cordially invite you to submit an abstract to the

Third International conference on

Modelling, Computation and Optimization in Information Systems and Management Sciences MCO 2015

Metz, France May 11-13, 2015

Homepage: <http://www.lita.univ-lorraine.fr/iccsama2015/MCO/index.php>

All accepted abstract will be published in an Abstract Book and will be ORALLY presented at the conference.

Authors of an accepted abstract can submit their corresponding paper to one of special issues.

The third international conference on Modelling, Computation and Optimization in Information Systems and Management Sciences will cover, traditionally, several fields of Management Sciences and Information Systems: Computer Science, Information Technology, Mathematical Programming, Optimization & Operations Research and related areas. It should allow researchers and practitioners to discuss recent developments in models and solutions methods for decision making in Engineering and Information Systems. Contributions to the solution of real-life problems are particularly appreciated. It would be a timely occasion to celebrate the 30th birthday of DC (Difference of Convex) programming and DCA.

TOPICS include (but not limited to)

- Optimization and Decision Making
- Data Mining Theory, Systems and Applications
- Computer Vision and Image Processing
- Computer Communications and Networks
- Optimization and Search techniques for Security, Reliability, Trust

See more details on the scope of the conference at

<http://www.lita.univ-lorraine.fr/iccsama2015/MCO/scope.php>

CONFERENCE PROCEEDINGS: The conference proceedings will be published (and distributed among the participants during the conference) in the series **Advances in Intelligent Systems and Computing of Springer-Verlag** and indexed by ISI Proceedings, DBLP, Ulrich's, EI-Compendex, SCOPUS, Zentralblatt Math, MetaPress, Springerlink.

The proceedings consists of **86 papers (divided into two books - Book I: 44 papers, Book II: 42 papers)** which have been selected from about 200 submissions.

The book I contains 8 parts: Combinatorial optimization and applications, DC programming and DCA: thirty years of developments, Dynamic optimization, Modelling and optimization in financial engineering, Multi-objective programming, Numerical optimization, Spline approximation and optimization, Variational principle and applications.

The book II contains 7 parts: Data analysis and Data mining, Heuristic / Meta heuristic methods for operational research applications, Optimization applied to surveillance and threat detection, Maintenance and production problems, Scheduling, Some topics in post crises banking and eco-finance, Modelling, technologies and methods for multi-stakeholder decision analysis in public settings.

SPECIAL ISSUES

Issues in SCI-E journals for the post-conference publication are planned. Call for special issues will be posted on the website of MCO 2015 at May 2015.

PLENARY LECTURES

- Prof. Yufeng Liu, University of North Carolina at Chapel Hill, USA
- Prof. Stefan Nickel, Karlsruhe Institute of Technology, Germany
- Prof. Jong-Shi Pang, University of South California, USA
- DR Gabriel Peyré, CNRS and University of Paris Dauphine, France
- Prof. Jack Xin, University of California at Irvine, USA

ABSTRACT SUBMISSION

Abstracts must be written in English and contain no more than one page. Each attendee is allowed to present one paper at the conference. Abstracts must be prepared in LaTeX format. LaTeX macros can be obtained from <http://www.lita.univ-lorraine.fr/iccsama2015/MCO/abstract.php> by clicking on the style file mco2015.sty and the macro/example file mco2015Example.tex. To submit an abstract, send your file to colloque-mco@univ-lorraine.fr

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IMPORTANT DATES

- Abstract Submission March 26, 2015
- Abstract Notification March 30, 2015
- Early registration April 5, 2015

ACCOMMODATION OPPORUNITIES

There are more than 40 rooms in the University City located at 150 m of the place of the conference which are reserved for the conference participants. If you are interested, it would be necessary to pay at the registration. Moreover, a list of hotels with special rates for conference participants will be provided.

SOCIAL EVENTS

The MCO organization also offers social activities in order to know better the nice city of Metz.

- Visit and Welcome Reception at the Metz City Council.
- Visit [Centre Pompidou-Metz](#). The Centre Pompidou-Metz is a branch of Pompidou arts centre of Paris, and features semi-permanent and temporary exhibitions from the large collection of the French National Museum of Modern Art, the largest European collection of 20th and 21st century arts.
- Banquet.

REGISTRATION

Registration is open at

<http://www.lita.univ-lorraine.fr/iccsama2015/MCO/registration.php>