12th INTERNATIONAL CONFERENCE on OPERATIONS RESEARCH

Havana; March 8-11, 2016

Plenary Themes: Optimization, Probability and Statistics, Mathematical Economic, Differential Equations, Algorithms, Teaching on Operations Research

Organized by:

Universidad de La Habana
Université Paris 1, Panthéon-Sorbonne
Dedicated to 50th Anniversary of the journal *Investigación Operacional*
Monique Florenzano in Memoriam

Co sponsors:

Asociación Latinoamericana de Investigación Operativa.
Sociedad Cubana de Matemática y Computación (SC Investigación Operacional).

.

Registration and General Information

Prof. Dr. Sira Allende Alonso   Prof Dr. Marie Cottrell
Fac. Matemática y Computación   SAMM Université Paris 1,
Universidad de La Habana;   Panthéon-Sorbonne;
Cuba   France
sira@matcom.uh.cu   marie.cottrell@univ-paris1.fr

Deadlines for abstracts: January 10, 2016
Information about acceptance of the papers: February 10, 2016

Program Committee

S. Allende [Chair, Havana], L. Álvarez [Havana], A. Arcos [Granada], M.L. Baguer [Havana], C. Bouza [Havana], G. Bouza [Havana], R. Caballero [Málaga], J. Cochran (Alabama), B. Cornet [Paris 1-Kansas], M. Cortés [Cienfuegos], D. Covarrubias [Chilpancingo], F. Cucker [Hong Kong], M. Cottrell [Chair, Paris 1], J. Daduna [Berlin], M. Davidian [N. Carolina], A. Fernández [Havana], P. Gaubert [Paris 12], P. Gourdel [Paris 1], J.Guddat [Honor Chair, Berlin], C. Hardouin, [Paris Ouest Nanterre], S. Hernández [Xalapa], G. Joya [Malaga], A.M.B. López [Las Palmas], M. A. León [Pinar del Río], A. Marrero [Havana]], M. Negreiros [Fortaleza], M. Nicado [Havana], M. Olteanu [Paris 1], J. Otero [Havana], L. Pedreira [La Coruña], L. Pla [Lleida], M. Rodríguez [Havana], A. Ruiz [Havana], Ch.Tammer [Halle], L. Sandoval [Puebla], V. Sistachs [Havana], J.L. Verdegay [Granada], B.-A. Wickström [Budapest], A. Xavier [Rio de Janeiro].

Organizing Committee

Raúl Guinovart Diaz: Decano, Facultad de Matemática y Computación, Genry Pérez, Danai Arjona

Aim of the Conference

The scope of the conference is intentionally broad. It is devoted to aspects of modeling, computational handling, and applications of the listed topics. Original contributions and interesting applications are welcome. We foster papers that provide cross-fertilization between these topics. We invite researchers to organize stream sessions not only dedicated to a certain topic but to different approaches to the same problem as well.

Topics

Optimization: Discrete, Linear, Nonlinear, Parametric, Stochastic Optimization.

Probability and Statistics: Biostatistics, Multivariate Analysis, Neural Techniques for Data Mining, Probability and Stochastic Processes, Reliability, Sampling, Statistical Inference.

Differential Equations: Applications to Biology and Medicine, Coalitional Equations, Control and Inverse Problems, Fluid Mechanics and Coastal Dynamics, Homogenization, Mean Field Games

Mathematical Economics: Financial Modeling, Games Theory, Mathematical Models for Economic Problems, Microeconomic Theory.

Numerical Analysis and Algorithms: Graph Theory, Geometric Computation, Meta-Heuristics, Neural Networks, Numerical Linear Algebra, Numerical Solution of Differential and Differential-Algebraic Equations.

Multicriteria Decision Making: Decision Support Systems Multi-Objective Optimization

Dynamical Models: Dynamical Systems, Optimal Control, Stability.

Management Sciences: Banking and Financing, Logistics (Routing, Scheduling, Inventory), Marketing.

Operations Research Education: Teaching Effectiveness, TICS, Postgraduate Education on OR

Submission of abstracts and papers

Those researchers interested in presenting their results in the conference must submit an abstract in English of about 250 words (to appear in the Abstract Booklet) and an extended abstract (2-5pages).

Abstracts shall have the following format

<div align="center">

TITLE IN UPPERCASE AND CENTERED

Author 1* Author 2**,

* Institution 1, Country

**Institution 2, Country.

</div>

Abstract

Keywords: Keyword 1; keyword 2;…..

The extended abstract will be a .pdf file with following style:

<div align="center">

TITLE IN UPPERCASE AND CENTERED

Author 1* Author 2**

* Institution 1, Country

**Institution 2, Country

</div>

Abstract

Keywords: Keyword 1; keyword 2; …..

Introduction

Section 1, Section2… Conclusions, Bibliography

Authors of the papers presented at the conference will be invited to submit a reviewed version to the journal Investigación Operacional with no additional cost.

Deadlines for abstracts: January 10, 2016

Information about acceptance of the papers: February 10, 2016

Fees:

150 CUC Foreign participants	150 CUP Cuban participants
90 CUC Foreign Students	90 CUP Cuban Students

They include the Welcome Party, Conference Dinner and a Volume of Abstracts

Preliminary Overview of the Conference

Tuesday 8 9:30-10:00 **Opening Session**
      10:00-11:00 Registration
      10:30-12:00 Welcome cocktail
      12:00-13:00 **Opening Lecture**
      13:00-13:30 Coffee Break
      13:30-16:00 **Contributions**.

Wednesday 9 9:00-10:00 **Plenary Lecture**
      10:00-10:20 Coffee Break
      10:20-12:20 **Contributions**
      12:30-13:30 Lunch
      13:30-15:00 **Contributions**
      15:00-15:10 Coffee Break
      15:10-16:30 **Contributions**

Thursday 10 9:00-10:00 **Plenary Lecture**
      10:00-10:20 Coffee Break
      10:20-12:20 **Contributions**
      12:30-13:30 Lunch
      13:30-15:00 **Contributions**
      15:00-15:10 Coffee Break
      15:10-16:30 **Contributions**

Friday 11 9:00-10:00 **Plenary Lecture**
      10:00-10:20 Coffee Break
      10:20-12:20 **Contributions**
      12:30-13:30 Lunch
      13:30-15:00 **Contributions**
      15:00-15:10 Coffee Break
      15:10-16:30 **Contributions**

Registration Form
12th ICOR (Habana, March 8-11, 2016)

Name: _____

Ph.D Student: yes_____ no_____

Institution:_____

Address: _____

Email: _____

Phone: _____ **Fax:**_____

I plan to make a contribution yes ____ no____

Approximate title of the paper: _____

_____

I am interested in publishing it   yes____ no_____

Thematic of your talk

Optimization: Linear_ nonlinear_ discrete_ parametric_ stochastic_

Probability and Statistics: statistical Inference__ sampling__ Biostatistics__ multivariate analysis__ neural techniques for data mining__ probability__ stochastic processes__

Mathematical Economics: finance__ game theory_ economical models_ microeconomy __

Numerical Analysis: Graph theory__ Geometric computation__ meta-heuristics__ neural networks__ numerical linear algebra__ numerical solution of differential and differential-algebraic equations__

Dynamical systems:__ Optimal Control__

Multicriteria Decision Making: Decision support systems _multi-objective optimization _preference modeling_

Management Sciences__

OR Education__

Please, send this form as an attachment to

Prof. Dr. Sira Allende sira@matcom.uh.cu