

1st Announcement and Call for Papers

10th INTERNATIONAL CONFERENCE ON OPERATIONS RESEARCH

Havana; March 6-9, 2012

Main Themes: Optimization, Probability and Statistics, Mathematical Economics, Partial Differential Equations, Algorithms and OR Education

Organized by:

Universidad de La Habana
Université Paris 1, Panthéon-Sorbonne

Cosponsors:

- Asociación Latinoamericana de Investigación Operativa.
- Humboldt Universität zu Berlin, Germany.
- Sociedad Cubana de Matemática y Computación (SC Investigación Operacional).
- Universidad Autónoma de Guerrero, México.
- Universidad Las Palmas, Gran Canaria, Spain.

Registration and General Information

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TOPICS

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

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

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

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

Numerical Analysis and Algorithms: Geometric Computation, Graph Theory, 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.

Aims 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. In particular, 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.

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

TITLE IN UPPERCASE AND CENTERED

Author 1* Author 2* Author 3**,
* Institution 1, Country
**Institution 2, Country.

Abstract

Keywords: Keyword 1; keyword 2;.....

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

TITLE IN UPPERCASE AND CENTERED

Author 1* Author 2* Author 3**,
* Institution 1, Country
**Institution 2, Country.

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: December 20, 2011

Information about acceptance of the papers: February 1, 2012

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

150 cuc Foreign participants

90 cuc Foreign Students

150 cup Cubans participants

90 cup Cuban Students

Registration Form

10th ICOR (Habana, March 6-9, 2012)

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__

Partial Differential Equations __

Mathematical Economics: finance__ economical models__microeconomy __ game theory__

Numerical Analysis : Geometric computation__ graph theory__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

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Preliminary Overview of the Conference

Tuesday 6 9:00-10:30 **Registration**
10:30-11:30 **Opening Session**
11:30-12:00 Coffe Break
12:00-13:00 Opening Lecture
13:00-14:30 Lunch
15:00-17:00 Main Lectures and Contributions.
19:00 -23:00 Welcome Party

Wednesday 7 09:00-10:00 **Invited Lecture**
10:30-12:00 **Contributions**
12:00-13:00 Lunch
13:00-14:30 **Contributions**
15:00-16:30 **Contributions**

Thursday 8, 09:00-10:00 **Invited Lecture**
10:30-12:00 **Contributions**
12:00-13:00 Lunch
13:00-14:30 **Contributions**
15:00-16:30 **Contributions**
19:30: Conference Dinner

Friday 9, 09:00-10:00 **Invited Lecture**
10:30-12:00 **Contributions**
12:00-13:00 Lunch
13:00-14:30 **Contributions**
15:00-16:30 Closing Address