

11TH INTERNATIONAL WORKSHOP ON OPERATIONS RESEARCH

Havana; March 10-13, 2015

Main Themes:

OR & Human Welfare: Health Environment and Education

Organized by:

Universidad de La Habana
Université Paris 1, Panthéon-Sorbonne

Co sponsors:

Asociación Latinoamericana de Investigación Operativa.
Benemérita Universidad Autónoma de Puebla
Sociedad Cubana de Matemática y Computación (SC Investigación Operacional).

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Registration and General Information

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Aim of the Workshop

The workshop is devoted to the applications of the models and methods of the Operations Research in decisions problems related to an harmonic development of human being and his environment The aim is to promote the interchange around applications of OR in the medicinel, biological and social researches oriented to human welfare. 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.

Operations Research Education: Teaching Effectiveness, TECS, Postgraduate Education.

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

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

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

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

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, 2014**

Information about acceptance of the papers: February 10, 2014

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

150CUC Foreign participants

90CUC Foreign Students

150CUP Cubans participants

90CUP Cuban Students

Preliminary Overview of the Workshop

Tuesday 10 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 11 09:00-10:00 **Main 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 12 09:00-10:00 **Main 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 13 09:00-10:00 **Main 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.**

Submission of Abstracts and papers

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*,

* 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

Registration Form
11th IWOR (Habana, March 10-13, 2015)

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 ___

In your contribution are applied models of: Optimization: Linear_ nonlinear_ ,discrete_ parametric_
stochastic_

PROBABILITY AND STATISTICS: __ SAMPLING__ BIOSTATISTICS__ MULTIVARIATE
ANALYSIS__ NEURAL TECHNIQUES FOR DATA MINING__ PROBABILITY__
STOCHASTIC PROCESSES__

MATHEMATICAL ECONOMICS: 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__

MULTICRITERIA DECISION MAKING: DECISION SUPPORT SYSTEMS__MULTI-
OBJECTIVE OPTIMIZATION__ PREFERENCE MODELING__

MANAGEMENT SCIENCES__

OR EDUCATION__

PLEASE, SEND THIS FORM AS AN ATTACHMENT TO
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