## Second Announcement

## $15^{\text {th }}$ International Workshop

## on

## Operations Research

Models and methods for information management and decision making

Havana (Cuba), May 29-June 2, 2023


## Organized by

Universidad de La Habana
Université Paris I, Panthéon-Sorbonne


Co-sponsors
Sociedad Cubana de Matemática y Computación-Asociación Cubana de Investigación Operacional

## Aims of the Workshop

This workshop intends to provide a platform for discussing about new theoretical and practical results on the area of OR, mainly focused on decision making problems and management of the required information for such process. The workshop welcomes contributions on mathematical and computational methods of statistics, optimization, numerical mathematic, soft computing, big data sciences and business intelligence, to support decision making process in problems of human health, environment, economics and regional development so as experiences on OR education for promoting innovation and research interests in the students. Cross-fertilization between different topics of the OR and Computer Sciences, are also expected. Tutorials read by well-known specialists will take place on May $29^{\text {th }}-$ May $30^{\text {th }}$

We invite researchers to organize special sessions devoted to one specific topic or the applications.

A social program will be also offered. It will include the opening activities on May $29^{\text {th }}$, Cuban music, a tour for significant places of the university tours, the closing activities on June $2^{\text {nd }}$ and other options.

## The Workshop covers contributions on:

| Biomathematics | Numerical Analysis |
| :--- | :--- |
| Biostatistics | Optimization |
| Big Data \& Business Intelligence | Operations Research Education |
| Application in the Economy | Soft Compability \& Statistics |
| Logistics | Applications in Medicine |
| Management Sciences | Applications in Environment |
| Multicriteria Decision Making |  |

## Organizing Committee

President: Raúl Guinovart Díaz (Dean, Facultad de Matemática y Computación)
Members: Celia González, Wilfredo Morales, Genry Pérez.

## Program Committee

S. Allende [Chair, Havana], D. Aussel [Perpignan], M.L. Baguer [Havana], J. M. Bardet [Paris 1], C. Bouza [Havana], G. Bouza [Havana], A. Célisse [Paris 1], M. Cottrell [Chair, Paris 1], J. Cochran [Alabama], A. Fernández [Havana], J. Daduna [Berlin], J. F. García [Villa Hermosa], C. Hardouin [Paris Ouest Nanterre], D. Haughton [Boston], R. Kalid [Bahía], L.R. Keller [Los Angeles], A. Marrero [Havana], R. Miranda [Cienfuegos], G. Mohlenberg [Hasselt], M. Olteanu [Paris Dauphine], F. Navarro [Paris 1], L. M. Plà [Lleida],], J. Rodríguez [Villa Clara] A. Ruiz [Havana], J. Rynkiewicz [Paris 1], J. Rückman [Bergen], R. Stolletz [Mannheim], Ch. Tammer [Halle], L. Sandoval [Puebla], J. M. Sautto [Acapulco], V. Sistachs [Havana], J.L. Verdegay [Granada], B. A. Wickström [Budapest], Z. Shkedy [Hasselt].

## Submission of Abstracts and Papers

Researchers interested in participated at the workshop shall create an account at https://eventos.uh.cu/event/18/. After validating your account, you can submit the abstract of your contribution, written in English. It shall include title (in bold), full name of all authors (labeled by numbers), their corresponding institutions, and keywords. The rest of the abstract will be a single paragraph of no more than 250 words. Results of the contribution shall be highlighted. Please underline the name of the speaker and include his/her email. For submission and more information on the abstracts format, please check the convention web page convencion.uh.cu or ask the organizers of the Workshop.

Contributions will be examined by the Scientific Committee of the workshop, which will decide on their acceptance and mode of presentation. An email will be sent as soon as your paper is accepted.

Full versions of the papers presented at the conference can be submitted to the journal Investigación

## Operacional.

Please, also send a copy of your contribution's abstract and the following information form as an attachment to:

Prof. Dr. Sira Allende Alonso
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Universidad de La Habana
Cuba
sira@matcom.uh.cu

Prof Dr. Marie Cottrell
SAMM Université Paris 1
Panthéon-Sorbonne
France
marie.cottrell@univ-paris1.fr
$15^{\text {th }}$ IWOR (Havana, May 29 -June-2, 2023)
Information form for Program Committee
Name: $\qquad$
Institution: $\qquad$
Address: $\qquad$
Email: $\qquad$ Ph.D Student: yes $\qquad$ no $\qquad$
I plan to make a contribution yes $\qquad$ no $\qquad$
Title of the paper: $\qquad$
I am interested in publishing it at Investigación Operacional yes $\qquad$ no $\qquad$
Thematic of your talk: $\qquad$ Biomathematics $\qquad$ Biostatistics $\qquad$ Big Data \& Business Intelligence $\qquad$ Logistics $\qquad$ Management Sciences $\qquad$ Multicriteria Decision Making $\qquad$ Numerical Analysis $\qquad$
Optimization Operations Research Education $\qquad$ Probability \& Statistics Soft
Computing Application in the Economy Applications in Medicine and Environment

## Important Dates

| Abstracts and registration form submissions | From January 3 |
| :--- | :--- |
| rd, 2023 |  |
| Deadline for submitting abstracts and registration form | March 15 ${ }^{\text {th }}, 2023$ |
| Notification of acceptance of papers | April 5 |
| th, 2023 |  |
| Early payment of the registration fees | Before April 15 |
| th, 2023 |  |
| Accreditation | May 29th, 2023 |
| Opening Ceremony | May 26-29, 2023 |
| Closing Ceremony | May 29, 2023 |

## Conference Fees

| Participants | Category | Before April 15th | After April 15th |
| :---: | :--- | :---: | :---: |
| Cuban delegates <br> CUP <br> (Cuban Pesos) | Presenting professional delegate | 1800,00 | 2000.00 |
|  | Presenting postgraduate student | 1350.00 | 1500.00 |
|  | Presenting undergraduate student | 900.00 | 1000.00 |
| USD | Presenting postgraduate student | 180.00 | 200.00 |
|  | Presenting undergraduate student | 135.00 | 150.00 |
|  | Accompanying person | 90.00 | 100.00 |

Payment of the registration fee shall be made until May 28, 2023, through the event's platform convencionuh.com, convencion.uh.cu in the corresponding category. Undergraduate and graduate students must submit an official letter from the university to certify their status.

For further information related to registration fees, payment methods, registration fees, hotel offers, and other topics of interest, please consult the official website of the event and/or send an e-mail to: convencion@rect.uh.cu

## Invitations

Convention participants requiring an invitation letter to make the corresponding travel arrangements may request it from the Organizing Committee of the Convention by e-mail: convencion@rect.uh.cu

