



## *1<sup>st</sup> INTERNATIONAL CONFERENCE ON OPERATIONS RESEARCH AND ENTERPRISE SYSTEMS (ICORES)*

*Vilamoura - Algarve, PORTUGAL  
4 - 6 February, 2012*

### **SCOPE**

The purpose of the 1st International Conference on Operations Research and Enterprise Systems (ICORES) is to bring together researchers, engineers and practitioners interested in the advances and applications in the field of operations research. Two simultaneous tracks will be held, covering on one side domain independent methodologies and technologies and on the other side practical work developed in specific application areas. ICORES focuses on real world applications; therefore authors should highlight the benefits of Operations Research Methodologies and Technologies for industry and services, either in general or for particular applications. Ideas on how to solve business problems, using operations research methodologies and technologies, will arise from the conference. Papers describing advanced prototypes, systems, case studies, tools and techniques and general survey papers indicating future directions are also encouraged. Papers describing original work are invited in any of the areas listed below. Accepted papers, presented at the conference by one of the authors, will be published in the Proceedings of ICORES. Acceptance will be based on quality, relevance and originality. Both full research reports and work-in-progress reports are welcome. There will be both oral and poster sessions.

Special sessions, dedicated to case-studies and commercial presentations, as well as tutorials dedicated to technical/scientific topics are also envisaged: companies interested in presenting their products/methodologies or researchers interested in holding a tutorial are invited to contact the conference secretariat.

### **CONFERENCE TRACKS**

Each of these tracks is expanded below but the sub-topics list is not exhaustive. Papers may address one or more of the listed sub-topics, although authors should not feel limited by them. Unlisted but related sub-topics are also acceptable, provided they fit in one of the following main tracks:

#### **1. METHODOLOGIES AND TECHNOLOGIES**

- DECISION ANALYSIS
- OPTIMIZATION
- MANAGEMENT SCIENCES
- DATA MINING AND BUSINESS ANALYTICS
- INFORMATION SYSTEMS
- INDUSTRIAL ENGINEERING
- STOCHASTIC PROCESSES
- FORECASTING
- DYNAMIC PROGRAMMING
- LINEAR PROGRAMMING
- INVENTORY THEORY
- SIMULATION
- QUEUING THEORY
- GAME THEORY
- MATHEMATICAL MODELING



## 2. APPLICATIONS

- PROJECT MANAGEMENT
- SCHEDULING
- NETWORK OPTIMIZATION
- SUPPLY CHAIN MANAGEMENT
- ROUTING
- LOGISTICS
- ENERGY AND ENVIRONMENT
- AUTOMATION OF OPERATIONS
- MAINTENANCE
- GLOBALIZATION AND PRODUCTIVITY
- RESOURCE ALLOCATION
- DECISION SUPPORT SYSTEMS
- OPTIMIZATION IN FINANCE
- RISK MANAGEMENT
- SECURITY
- OR IN TELECOMMUNICATIONS
- OR IN HEALTH
- OR IN TRANSPORTATION
- OR IN GOVERNMENT
- OR IN EDUCATION

### **PAPER SUBMISSION:**

Authors should submit an original paper in English, carefully checked for correct grammar and spelling, using the on-line submission procedure. The initial submission must have between 3 to 13 pages otherwise it will be rejected without review. Please check the paper formats page so you may be aware of the accepted paper page limits.

The guidelines for paper formatting provided at the conference web ought to be used for all submitted papers. The preferred submission format is the same as the camera-ready format. Please check and carefully follow the instructions and templates provided. Each paper should clearly indicate the nature of its technical/scientific contribution, and the problems, domains or environments to which it is applicable. Papers that are out of the conference scope or contain any form of plagiarism will be rejected without reviews. Please read INSTICC's ethical norms regarding plagiarism and self-plagiarism.

### **PAPER SUBMISSION TYPES:**

#### Regular Paper Submission

A regular paper presents a work where the research is completed or almost finished. It does not necessary means that the acceptance is as a full paper. It may be accepted as a "full paper" (30 min. oral presentation), a "short paper" (20 min. oral presentation) or a "poster".

#### Position Paper Submission

A position paper presents an arguable opinion about an issue. The goal of a position paper is to convince the audience that your opinion is valid and worth listening to, without the need to present completed research work and/or validated results. It is, nevertheless, important to support your argument with evidence to ensure the validity of your claims. A position paper may be a short report and discussion of ideas, facts, situations, methods, procedures or results of scientific research (bibliographic, experimental, theoretical, or other) focused on one of the conference topic areas. The acceptance of a position paper is restricted to the categories of "short paper" or "poster", i.e. a position paper is not a candidate to acceptance as "full paper"

### **MODEL FOR PAPER'S ELABORATION:**

All papers accepted for the conference, whatever the presentation format, will be published in the proceedings under an ISBN reference, on paper and on CD-ROM support, as long as the camera-ready submission, registration and copyright document have been received.

There are **three types of paper for the Conference**, namely:

- Full Papers: Papers allocated 30 minutes for oral presentation (including discussion). These papers are assigned a 10-page limit in the conference proceedings.
- Short Papers: Papers allocated 20 minutes for oral presentation (including discussion). These papers are assigned a 6-page limit in the conference proceedings.
- Posters: Papers presented as poster are assigned a 4-page limit in the conference proceedings.

There are **three types of paper for the Workshop**, namely:

- Full Papers: Papers allocated 30 minutes for oral presentation (including discussion). These papers are assigned a 10-page limit in the conference proceedings.
- Short Papers: Papers allocated 20 minutes for oral presentation (including discussion). These papers are assigned an 8-page limit in the conference proceedings.



□ **Posters:** Papers presented as poster are assigned a 6-page limit in the conference proceedings. If absolutely needed, it will be allowed to increase the total number of pages by a maximum of 4 extra pages. However, for each excess page the author will have to pay an additional fee. Let us emphasize that the total number of pages will be considered after the paper is correctly formatted according to the template.

The author who has an accepted paper, irrespective of the paper type (full paper, short paper or poster), must be registered as a speaker. No other registration type will be accepted.

#### THE PROGRAM OF THE SYMPOSIUM:

The program of the Symposium contains:

- **Papers in Plenary Session** on the topic: “Priorities of the European Scientific Research”
- **Papers in sections** on the following topics:
  - Technical Sciences
  - Chemistry, Ecology and Environmental Protection
  - Biology, Agriculture and Animal Science
  - Health (human and veterinary)
  - Social and Human Sciences. Economic Sciences

An author can participate with two papers at the most.

#### IMPORTANT DATES:

Conference date: **4-6 February, 2012**

Regular Paper Submission: **September 6, 2011** (extended)

Authors Notification (regular papers): **October 14, 2011**

Final Regular Paper Submission and Registration: **October 27, 2011**

#### ICORES Secretariat:

Address: Av. D. Manuel I, 27A, 2º esq.

2910-595 Setúbal - Portugal

Tel.: +351 265 100 033

Fax: +44 203 014 8556

e-mail: [icores.secretariat@insticc.org](mailto:icores.secretariat@insticc.org)

Web: <http://www.icores.org/>



**ACTA TECHNICA CORVINIENSIS**  
**– BULLETIN of ENGINEERING**  
**ISSN: 2067-3809 [CD-Rom, online]**  
copyright © University Politehnica Timisoara,  
Faculty of Engineering Hunedoara,  
5, Revolutiei,  
331128, Hunedoara,  
ROMANIA  
<http://acta.fih.upt.ro>