

CALL FOR PAPERS

5th International Conference on Industrial Engineering and Systems Management

Modeling, Optimisation and Simulation in
Research and Industrial Applications:
Challenges and Opportunities.

IESM 2013

www.iesm13.org

October 28-30, 2013 -Rabat, Morocco



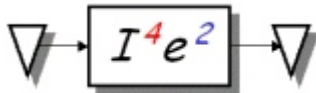
Ecole Mohammadia
d'ingénieurs UM5A Rabat

Co-organized by



University of Valenciennes
and Hainaut-Cambrésis

Sponsors



Presentation

Decision makers at all levels of management are facing a global, complex and more competitive environment where critical decisions have to be made on a rational basis. Furthermore, the evaluation of the impact of the decisions made is difficult due to the strong internal and external interconnection between the organization and its environment. Organizations have to deal with more challenges due to fiercer competition, demanding customers, shorter product life cycle and supplier lead time, scarce and expensive resources and more constraining regulations. Therefore, operations require more flexible and highly sophisticated design, planning and production frameworks and techniques. Developing and improving modeling, optimization and simulation techniques is a mandatory step to face these challenges and seize new opportunities for efficient and responsive decision making in a more demanding and complex manufacturing and service environment.

The IESM'13 conference aims to bring together researchers and professionals from all industrial engineering disciplines to discuss issues and share their research and development results and experience.

Researchers and practitioners are invited to participate in the conference and submit their original and unpublished work.

Conference TOPICS

1. Original contributions are sought in the following topics:
 - Artificial Intelligence and its applications in industrial engineering
 - Customer service systems design and management
 - Data warehousing and data mining
 - Decision analysis and decision support systems
 - E-Services and Technologies for distributed manufacturing
 - Facilities design, planning, and layout
 - Heuristics and meta-heuristics for advanced manufacturing
 - Human factors and ergonomics
 - Human-computer interaction and cognitive engineering
 - Information systems and management

- Industrial engineering and systems management
- Innovation management and entrepreneurship
- Intelligent control, holonic and product-driven systems
- Logistics, transportation, and distribution systems
- Maintenance and reliability
- Manufacturing executive systems and standards
- Monitoring of manufacturing systems
- Production planning and scheduling
- Product life cycle management
- Quality management
- Supply chain design and performance evaluation
- Warehouse and inventory management

2. Special sessions focusing on different research interests chaired by both scientists and industrials.

3. Student competition

Conference location

Rabat is the capital city of Morocco. Over 2 millions people live in Rabat; making it the country's second largest city located on the Atlantic ocean. It has a rich history but is a fairly new capital, it's very pleasant, but not congested. The boulevards are wide, the souqs are not too hectic and there's a cosmopolitan feel to the outdoor cafes and restaurants

Rabat has a small airport, just outside of town; the international airport is in Casablanca. Frequent trains from Casablanca take an hour to reach Rabat. The Medina in Rabat is a fun place to shop and stroll. The Kasbah des Oudaias is a beautiful fortified city, on a bluff overlooking the ocean. The main gate leads to narrow streets inside the Kasbah: stroll around and visit the oldest mosque in town. Challah an ancient Roman site is very pretty with fruit trees and storks, and crumbling ruins. Hassan Tours and the mausoleum are famous landmarks¹.

¹ From www.goafrica.about.com

Submission

Prospective participants are invited electronically to submit papers (full paper of 10 pages maximum), written in English, according to the format instructions. A list of special sessions and tracks on specific focus will be open. Proposals for special sessions/tracks are welcome (submission to the conference chairs). All accepted

papers will be published in the conference proceedings in the form of a CD-ROM with ISBN reference number, under the responsibility of the International scientific committee. Extended versions of the best papers will be submitted for potential publication in special issues of numerous high quality international journals such as IJPE, PPC, JOL, JIM, CAIE, JQME, EAAI, IEEE-SMC, IJSOI.

Conference chairs

Skalli A., EMI, Morocco.
Aboutajdine D. IEEE Morocco Section.
Benchekroun B., EMI, Morocco.
Artiba A., University of Valenciennes, France

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Keynote Speakers

Crainic TG. UQAM, Canada.
Elmaghraby S. North Carolina State University USA.
Dejax P. Ecole Centrale de Nantes France.

Important dates

Proposal for special session/track: **February, 15th, 2013**
Full paper (10 pages max): **March 1st, 2013**
Notification of acceptance: **May 15th, 2013**
Registration deadline: **May 30, 2013**
Camera ready submission: **June 15th, 2013**

Registration

Information about submission, registration, transportation and accommodation will soon be available on the website of the conference.

Registration fees include:

- conference proceedings ;
- lunches, coffee breaks and gala diner.

Scientist: 450 € (500 € after May 30th)
Student: 350 € (400 € after May 30th)
Industrial: 550 € (600 € after May 30th)

Reduced registration fees (30% of regular price) for IEEE Morocco Section member.

A social program will be available for accompanying persons.