

## ICMSAO 2013 Conference Report



*Opening Ceremony*

The Tunisian Decision Aid Society organized in Hammamet, Tunisia on April 28-30, with the co-sponsorship of the IEEE Tunisia section and the IEEE SMC Tunisia chapter, the International Conference on Modeling, Simulation and Applied Optimization (ICMSAO'13). The ICMSAO'13 is the fifth of the series of conferences and provides an international forum for presentations and discussion of research in all areas of science and engineering involving the modeling and simulation of processes and systems. The first conference was held at the American University of Sharjah (UAE) in 2005, the second was held at the Petroleum Institute in Abu Dhabi (UAE) in 2007, the third was held again at American University of Sharjah in 2009 and the fourth was organized in Kuala Lumpur, Malaysia in 2011. The ICMSAO'13 will feature contributed as well as invited papers concerned with the modeling, simulation and applied optimization fields.



*Conference Dinner*

The ICMSAO'2013, received 415 papers and after a long peer review process, by international reviewers, 199 were accepted to be presented in the conference program. Only 186 papers were presented in the conference and the conference program features a broad international representation from 27 countries, including: Algeria, Australia, Belgium, Canada, China, Czech Republic, Egypt, Finland, France, Germany, India, Iran, Italy, Jordan, Latvia, Libya, Malaysia, Morocco, Norway, Oman, Russia, Saudi

Arabia, Tunisia, UAE, UK, USA, Yemen. The accepted papers include both theoretical and application research works from very diverse areas related to modeling, simulation and applied optimization.

This year's conference got four invited speakers. The Sunday's invited talks, entitled "Modeling and Optimization for Sustainability in Transport Systems using Artificial Intelligence" and "Task Scheduling for Multifunction Radar" were given respectively by Ghassan Abu-Lebdeh and Hasan S. Mir (American University of Sharjah, UAE). The third invited talk, "Optimization in Supply Chain Management: Packing and Routing" was given by Saoussen Krichen (University of Jendouba, Tunisia). The last invited talk entitled "Uncertainty and Optimization: A Unified approach", was given by Hatem Masri (University of Bahrain, Bahrain) who gave a short talk which stimulated a lengthy discussion about the new uncertainty theories, like Belief functions, and mathematical programming models. Each of the invited speakers did a great job and their talks were followed by lengthy discussions.



*Closing Ceremony*

We would like to thank the conference organizing committee members:

- **General Chair:** *Fouad Ben Abdeaziz* (Rouen Business School, France)
- **Program and Publication Chair:** *Hatem Masri* (University of Bahrain, Bahrain)
- **Financial Chair:** *Saleh Ben Abdallah* (University of Tunis, Tunisia)
- **Organizing Committee Chairs:** *Taicir Loukil* (University of Sfax, Tunisia) and *Mohamed Al Tarhuni* (American University of Sharjah, UAE)
- **Logistics Chair:** *Saoussen Krichen* (University of Jendouba, Tunisia)
- **Local Arrangements Chair:** *Rimeh El Fayedh* (University of Carthage, Tunisia)
- **Secretary:** *Houda Alaya* (University of Tunis, Tunisia)
- **Members:** Nadia Dahmani, Hela Masri, Olfa Dridi and Ons Abdelkhalek

The ICMSAO 2013 was an excellent conference and a real research experience for all participants. Next edition of the conference will be in Turkey in 2015. We look forward to seeing you there.

Finally, we would further like to thank the Tunisian Decision Aid Society members for their efforts in organizing the ICMSAO'13.

Fouad Ben Abdelaziz,  
Conference Chair