

# Special Session on Numerical Analysis, Optimization and Operational Research

Organized in conjunction with

## The 5<sup>th</sup> World Congress on Information and Communication Technologies

<http://www.mirlabs.net/wict15/>

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**Aims and Scope:** This session aims to put together researchers of different areas, in particular Applied Mathematics and Engineering, to give them a great opportunity to share their research results, knowledge and experience and to develop fruitful partnerships. The main focus is the numerical analysis, numerical modelling and optimization. However, all contributions related to the physical modelling and mathematics underlying under novel and existing calculation methods, the development of modeling tools, are welcome. Topics include (but not limited to):

- Data assimilation;
- Inverse Problems;
- Genetic and Hybrid algorithm in optimization;
- Operational research
- Integrated approach to optimization and simulation;
- Multiobjective optimization;
- Genetic and Hybrid algorithm;
- New modelling techniques related to optimization;
- Modelling of traffic flow
- Numerical analysis and simulation
- Modelling techniques related to optimization and Partial differential equations.
- Image Indexing

### Organizers

- |                         |   |
|-------------------------|---|
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