



## 3<sup>rd</sup> INTERNATIONAL SYMPOSIUM ON WIRELESS COMMUNICATION SYSTEMS 2006

6 - 8 September 2006, Valencia, Spain

### General Chair:

Narcís Cardona  
Technical University of Valencia, Spain

### Technical Program Chair:

Luis Correia  
IST/IT - Technical University of Lisbon, Portugal

### General Co-Chairs:

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2. University Miguel Hernández, Spain

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Alberto González  
Technical University of Valencia, Spain

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Jorge Pereira  
European Commission, Belgium

### Tutorial Chair:

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Technical University of Catalonia, Spain

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### Publication Chair:

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University of Strathclyde, UK

### Publicity Chair:

Oscar Lázaro  
Innovatia Association, Spain

### Local Organizing Chair:

David Argilés  
Technical University of Valencia, Spain

### Submission guidelines

Authors are invited to submit extended abstracts (full papers will not be accepted) of about 1500 words (two pages in the standard IEEE conference format) together with a short summary (approx. 150 words). Authors are requested to indicate their paper's technical area when submitting their contribution. Proposals for Tutorial are also being solicited and should be sent, together with a one page summary and the presenter's biography, to the Tutorial Chair. Detailed submission guidelines and manuscript templates will be published on the conference's website.

### Important Dates

Abstract submission deadline: March 31, 2006  
Notification of acceptance: June 2, 2006  
Tutorials proposals deadline: June 9, 2006  
Final paper due: July 1, 2006

### Conference Secretariat:

Institute of Telecommunications and Multimedia Applications (iTEAM)  
Technical University of Valencia  
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## Call for Papers

Wireless Communications are at the centre of a new and passionate era for telecommunications characterised by the convergence of systems and technologies, a transition towards all-IP networks, and the development of technologies with a user-centred focus. In this context, the International Symposium on Wireless Communication Systems (ISWCS) is positioning itself as a recognised and dynamic forum for researchers and technologists to present and discuss original ideas and contributions in all fields related to mobile wireless communication systems. The 3<sup>rd</sup> International Symposium on Wireless Communication Systems intends to bring together leading wireless communication researchers and technologists willing to identify and discuss the most recent advances, the future technical challenges and business opportunities arising in the path towards the realisation of ambient wireless communication networks. Together with the technical sessions, the symposium will feature panel discussions and keynote presentations from leading wireless communication experts from industry, academia regulatory and standardisation bodies.

To realise its objectives, the organising and technical committees of the symposium are seeking original contributions in the areas of, but not limited to:

- IMT-2000 systems
- Beyond 3G and 4G systems
- Innovative concepts for future mobile and wireless communication systems
- Fixed and nomadic wireless access
- Relaying and user cooperation
- Spectrum sharing and coexistence
- Radio resource management and allocation
- Wireless access techniques
- Cross-layer design and optimisation
- Experimental systems and field trials
- Heterogeneous wireless networking
- Convergence of networks
- End-to-End QoS provision
- Wireless network architectures and deployments
- Ultra-wideband communications
- Wireless LAN and PAN
- Wireless and Mobile IP
- Wireless ad-hoc and sensor networks
- Digital audio and video broadcasting
- Novel wireless switching and routing techniques
- Mobility management
- Traffic control and engineering
- Modelling, analysis and simulation of mobile and wireless systems
- Innovative services and applications
- Service and middleware platforms
- Location based services and positioning
- Security and privacy
- Software radio and re-configurability
- Satellite communications and High Altitude Platforms
- Coding, modulation and equalization
- Wireless propagation and channel modelling
- MIMO techniques and smart adaptive antennas
- Space-time coding and diversity
- Signal processing for wireless systems

The 3<sup>rd</sup> International Symposium on Wireless Communication Systems will take place in Valencia (Spain) from the 6<sup>th</sup> to the 8<sup>th</sup> of September 2006. Valencia is a beautiful and warm Mediterranean city worldwide recognised for its history and quality of life, and the acclaimed Calatrava's City of Arts and Sciences. Valencia is also hosting the 32<sup>nd</sup> America's Cup, the most prestigious international sailing competition and the oldest sports trophy in the world. For more information, please visit the symposium's web site:

<http://www.iswcs.org/iswcs2006>