

## INVITATION FOR A **SPECIAL ISSUE** ON MOBILE COMMUNICATION THEORY, TECHNOLOGY & APPLICATIONS

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The Mediterranean Journal of Electronics and Communications invites you to submit your papers for this special issue on mobile communication theory, technology and its applications. The scope covers, but is not limited to:

- Challenges in the migration of future mobile systems.
- Access handoff, location, positioning, resource coordination and applications
- Support for multicasting and Quality of Service
- Wireless security and authentication
- Network failure and backup
- Pricing and billing
- Ad-Hoc networking applications
- Broadband fixed wireless access systems
- Channel coding, MIMO channels, Equalisation
- Wireless network architecture
- Space time processing

**Information for Authors:** All papers are subject to strict peer review process before publication. All submitted papers should comply with the instructions for authors available at:

<http://www.medjec.com/initial/submission.htm>

**Deadline for submission** of manuscripts is **8<sup>th</sup> January, 2006**. Manuscripts should be submitted electronically to

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It is important that authors mention "MEDJEC Special Issue" in the subject line of their accompanying letter in order to have the manuscript kept in line for this special issue. Please pack the text, tables and figures into **one** pdf-file for reviewing.

**More information** about the Mediterranean Journal of Measurement and Control and instructions for authors can be obtained at <http://www.medjec.com/index.htm>

## **IMPORTANT DATES:**

**Paper Submission: 8<sup>th</sup> January, 2006**

**Paper Reviewed: 5<sup>th</sup> February, 2006**

**Final Submission: 5<sup>th</sup> March, 2006**

**Publication Date: End of April, 2006**

## **ABOUT MOBILE COMMUNICATIONS, TECHNOLOGY AND APPLICATIONS**

Mobile Communication has grown enormously in the last few decades and is expected to develop new technology and services.

The demand for new services in the radio environment is also increasing; multimedia services which integrate voice, image and data can only be contemplated in wireless broadband networks. Mobile extensions of these networks are expected in the future, harmonising and integrating (4G) diverse systems into cohesive global networks (IP). Unfortunately the resources in mobile communication systems are limited by the harmful effect of the radio channel.

In wireless networks, signal fading arising from multipath propagation is a particularly severe channel impairment that can be mitigated through the use of diversity, coding, equalisation, space or multi antenna, cooperative diversity, new protocols and access etc.

Whilst the main focus of this special issue remains with technical research, theory and application aspects will be considered.