



*Call for Papers*  
**The 15<sup>th</sup> IEEE Mediterranean  
Electrotechnical Conference**  
**MELECON 2010**  
Grand Hotel Excelsior, Valletta, Malta  
**26 – 28 April, 2010**

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**MELECON 2010** is a major international forum presenting design methodologies, techniques and experimental results in emerging electro-technologies. It is one of the flagship conferences of the IEEE Region 8 with participants from all over the world. It is expected to bring together researchers and practitioners from different fields of Electrical Engineering. The technical program will include plenary sessions, regular technical sessions, special sessions, poster sessions and tutorials. Prospective authors are invited to submit their manuscripts reporting original work as well as proposals for special sessions (6 papers) and tutorials in the mentioned areas.

For this edition, topics of interest include but are not limited to:

**Communication and Information Technologies:**

Wireless and mobile communications, intelligent networks, sensor and ad hoc networks, optical system and networks, multimedia transmission, distributed video coding, multiview, MIMO systems, OFDM, space-time coding, quality of service, antennas and propagation, microwave theory and techniques, etc.

**Circuits and Systems:**

Analog and digital integrated circuits, artificial neural networks, systems on chip, MEMS, RF and microwave circuits and systems, electronic instrumentation, optoelectronics, etc.

**Power Systems and Renewable Resources:**

Power generation, transmission, distribution and utilization, renewable electricity production, power electronics, multi-level converters, adjustable speed drives, electrical vehicle drives, high performance drives, electrical machines design and monitoring, etc.

**Control Systems and Signal Processing:**

Modern control techniques, control applications, robotics, biomedical signal and image processing, speech and audio, multimedia signal processing, image processing, adaptive and non-adaptive filtering, computer vision, etc.

For up-to-date information and paper submission, please visit the Conference web site: <http://www.melecon2010.org/>. Proceedings of the Conference will be published on IEEE Xplore and provided to attendees on CD-ROM. Please note that, at least one full paying author of each accepted paper must register for the Conference before the indicated deadline.

Malta is at the centre of the Mediterranean and is well known for its hospitality. The rich archeological and cultural heritage dating back several millennia provides an interesting backdrop to the Conference. Valletta is Malta's capital city and is a World Heritage site. It is a living experience of Baroque architecture, a monument donated by the Knights of St John nearly five centuries ago. Throughout the years, Valletta has welcomed emperors, heads of state, artists and poets and is the permanent seat of the Maltese government.

**PRELIMINARY SCHEDULE FOR AUTHORS**

<b>Deadline for submission of special sessions proposals</b>	<b>October 1, 2009</b>
<b>Deadline for submission of tutorial proposals</b>	<b>October 26, 2009</b>
<b>Deadline for submission of papers</b>	<b>October 26, 2009</b>
<b>Notification of acceptance</b>	<b>January 13, 2010</b>
<b>Deadline for submission of camera-ready paper and author registration</b>	<b>February 28, 2010</b>