



May 4-7, 2004

Palais des Congrès Expositions
Ajaccio, France

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Call for Papers

2004 IEEE International Symposium on Industrial Electronics

May 4-7, 2004, Palais des Congrès Expositions
Ajaccio, France

Sponsors: IEEE Industrial Electronics Society, IEEE France Section

The purpose of this symposium is to provide a forum for presentation and discussion of the state-of-art of Industrial Electronics and related areas. Topics within the scope of the symposium will include:

Computer and Control Systems: Advanced control and measurement, computer and microprocessor-based control, signal processing, estimation and identification techniques, application specific IC's, automotive electronics, non-linear control systems, industrial applications of neural networks, fuzzy algorithms, evolutionary computing, and intelligent systems, instrumentation subject to critical conditions.

Power Electronics: Power electronic devices and systems, high frequency power converters, digital control of power electronics, energy systems, electrical drives, static VAR and harmonic compensations, power management, and analytical and simulation methods.

Sensors, Actuators and System Integration: Intelligent sensors and actuators, multi-sensor fusion, micro/nano technology, micro sensors and micro actuators, wireless and wire line communication circuits, polymer electronics, instrumentation electronics, MEMS, system integration, System on Chip (SoC).

Industrial Information Technology: Robotics, industrial vision, motion control, autonomous mobile robots, electrical vehicles, intelligent transportation, factory communications, flexible manufacturing system, industrial automation, process automation, automation systems for power distribution, CAD/CAM/CAT/CIM and LANs, industrial applications of internet technologies, multimedia, and wireless communications.

Submission of papers: Prospective authors are invited to visit the conference web site at the following URL and submit digests or full papers according to instructions:

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Manuscripts must be submitted in PDF or (exceptionally) in PostScript. Conference web site contains much information on PDF file preparation. Those without Internet access can exceptionally submit four printed copies of their digest by post to:

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Summaries should include a clearly defined problem statement supported by the relevant references. It should state why the work was undertaken and what its outcomes are. The development description should clearly show the work's originality and contribution to the technical area. The summary must provide conclusions and recommendations for future work. For further information please send your email to:

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		Deadlines:		
⚡	Reception of 2000 words abstract or full paper:	November	10 th ,	2003
⚡	Paper acceptance notification :	January	2 nd ,	2004
⚡	Full paper reception and registration :	March	6 th ,	2004