

平成25年7月25日

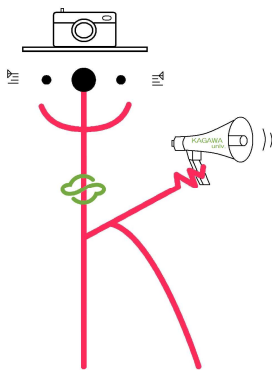
「2013 IEEE International Conference on Mechatronics and Automation (IEEE ICMA 2013)」

2013 IEEE メカトロニクスとオートメーション国際会議開催について

概要 要：世界30各国・地域から350名ほどの研究者および技術者が本会議に出席し、学術交流を行う予定です。本会議では4件の特別講演と、300件の口頭発表をメインに、地域の企業に重点をおいた企業展示も併設します。特別講演では、米国、ヨーロッパ、中国、日本の著名な研究者による最新の研究動向について発表してもらいます。口頭発表では、最先端の優れた研究を中心に発表を行います。若手の研究者や萌芽的な研究にも発表の場を提供することを予定しています。企業展示では、地域の企業を全国あるいは世界に発信するため、地域の企業を重点的に展示することをお願いする予定です。香川大学学長の長尾 省吾が顧問委員長をつとめて、8月5日の8時20分の開幕式に挨拶を行う予定です。

1. **会議名称**：2013 IEEE メカトロニクスとオートメーション国際会議
2. **趣旨・目的**：IEEE ICMA 国際会議は、本学工学部の教員らが2004年に創設したメカトロニクス基礎と応用及びオートメーションに関する香川発の国際会議です。IEEE ICMA 2013 国際会議は今回で10回目を数え、現在の様々な技術を支えるメカトロニクス技術を中心に、その応用としてのロボット技術やオートメーション技術を含めた研究発表を通じて研究者間の意見交換をすることにより当該分野の振興へ寄与することを目的としています。
3. **会場**：高松サンポート国際会議場
4. **日時**：8月4日昼～7日昼、(開幕式8月5日の8：20～8：30)
5. **対象者等**：研究者および技術者、大学生、大学院生など
6. **添付資料**：2013 IEEE メカトロニクスとオートメーション国際会議の会議詳細

<http://2013.ieee-icma.org/Program/Glance.aspx>



➤ お問い合わせ先

香川大学 工学部 教授 郭 書祥

TEL：087-864-2333（090-1174-6358）

E-mail：guo@eng.kagawa-u.ac.jp

※上記不在の場合 香川大学 工学部庶務係 石川

TEL：087-864-2007 FAX：087-864-2032

E-mail：koshomut@jim.ao.kagawa-u.ac.jp

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Call for Papers



The 2013 IEEE International Conference on Mechatronics and Automation (ICMA 2013) will take place in Takamatsu, Kagawa, Japan from August 4 to August 7, 2013. Takamatsu is a small city located at Sikoku which is the smallest island in 4 main islands of Japan. Shikoku contains a lot of temples including Zentsu-ji, where one of the most famous Buddhists, Kukai, was born.

As the host city of ICMA 2013, Takamatsu not only provides the attendees with a great venue for this event, but also an unparalleled experience in the Japanese history through several historical architectures. You are cordially invited to join us at IEEE ICMA 2013 in Takamatsu. The objective of ICMA 2013 is to provide a forum for researchers, educators, engineers, and government officials involved in the general areas of mechatronics, robotics, automation and sensors to disseminate their latest research results and exchange views on the future research directions of these fields.

The topics of interest include, but not limited to the following:

- Intelligent mechatronics, robotics, biomimetics, automation, control systems,
- Opto-electronic elements and Materials, laser technology and laser processing
- Elements, structures, mechanisms, and applications of micro and nano systems
- Teleoperation, telerobotics, haptics, and teleoperated semi-autonomous systems
- Sensor design, multi-sensor data fusion algorithms and wireless sensor networks
- Biomedical and rehabilitation engineering, prosthetics and artificial organs
- Control system modeling and simulation techniques and methodologies
- AI, intelligent control, neuro-control, fuzzy control and their applications
- Industrial automation, process control, manufacturing process and automation

Contributed Papers: All papers must be submitted in PDF format prepared strictly following the IEEE PDF Requirements for Creating PDF Documents for IEEE Xplore. The standard number of pages is 6 and the maximum page limit is 8 pages with extra payment for the two extra pages. See detailed instructions in the conference web site. All papers accepted by IEEE ICMA 2013 will be indexed by EI and included in IEEE Xplore®. Extensions of selected papers will be published in a regular or a special issue of the journals of **IJMA** and **JRM**.

Organized Sessions: Proposals with the title, the organizers, and a brief statement of purpose of the session must be submitted to an OS Chair by March 20, 2013.

Tutorials & Workshops: Proposals for tutorials and workshops that address related topics must be submitted to one of the Tutorial/Workshop Chairs by May 1, 2013.

Important Dates:

March 20, 2013	Full papers and organized session proposals
May 1, 2013	Proposals for tutorials and workshops
May 15, 2013	Notification of paper and session acceptance
June 1, 2013	Submission of final papers in IEEE PDF format

For detailed up-to-date information, please visit the IEEE ICMA conference website at:

<http://2013.ieee-icma.org>