

HỘI NGHỊ TOÀN QUỐC LẦN THỨ 7 VỀ CƠ ĐIỆN TỬ

(The 7th Vietnam Conference on Mechatronics)

VCM2014

November 21-22, 2014 Bien Hoa city, Dong Nai province



<http://hoinghicodientu.lhu.edu.vn/> ; <https://sites.google.com/site/conferencevcm2014/>

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The Vietnam Conference on Mechatronics (VCM) is a biennial national scientific conference organized since 2002 to develop Mechatronics Science and Technology for the sustainable growth of Vietnam. Following the success of the conferences VCM - 2002, VCM - 2004, VCM - 2006, VCM - 2008, VCM - 2010, the 7th VCM - 2014 is co-organized by the Vietnam Mechatronics Community in cooperation with Lạc Hồng University, Development and Application Research Program on Mechanical and Automatic Technology KC-03, Saigon Hi-Tech Park, Amata Industrial Park, Institute of Applied Mechanics and Information Technology and Institute of Information Technology (Vietnam Academy of Science and Technology –VAST) on November 21 and 22, 2014 at Lạc Hồng University, Bien Hoa city, Dong Nai province.

Conference Criteria: Mechatronics for the development of Southern region.

Topics of the Conference include:

Mechatronics: Design and Integrate Mechatronics Systems; Modelling and Simulation of Mechatronic Systems; MEMS, NEMS; Develop Microprocessor, SoC, DSP, FPGA, ASIC for Mechatronic Applications; Motion Control; Sensors and Actuators; Measuring and Controlling Networks; Embedded Control Systems; Modelling and Control of Robot Manipulators; Mobile Robots and Autonomous Vehicles ; Vibration and Noise Control; Intelligent Control, Fuzzy Systems, Expert Systems, Neural Networks, Genetic Algorithm; Navigation Vehicle Control; Vision based control; Natural language, posture, behavior based control; Micro and nanno scale control systems; Human – Computer Interface; Dynamics and Aviation Vehicle Control; Modelling and Control of Satellites; Sensors and Satellite's attitude determination methods ; Remote Sensing and Satellite Image Processing Technology; Mechatronics Education.

Applications: Mechatronics in Manufacturing; Intelligent Transportation Systems; Mechatronics in Ship-building; Mechatronics in Agriculture, Forestry and Fishery; Mechatronics in Developing Smart Household Products; Mechatronics in Energy and Renewable Energy; Mechatronics in Aerospace; Satellite Applications for Environmental Monitoring and Disaster Prevention; Applications in Security and Defence; Applications in Medical and Community Healthcare; Applications in Environmental Pollution Management; Other applications of Mechatronics.

Proceeding:

The presented papers will be published in the Conference Proceeding's CD-ROM with an ISBN number. Expanded versions of the accepted and presented papers with high quality will be invited for publication in the Journal of Computer Science and Cybernetics of Vietnam Academy of Science and Technology..

Format:

The final papers must be unpublished work. They must be written in either Vietnam or English following the conference forms of VCM-2014. See details available at <http://hoinghicodientu.lhu.edu.vn/> or <https://sites.google.com/site/conferencevcm2014/> and submit online through: <https://www.easychair.org/conferences/?conf=vcm2014> before **August 20, 2014**.

Awards/ Grants:

The VCM-2014 conference has awards for the best papers based on the scientific content and presentation at the conference.

Propose Paper Session:

The VCM-2014 welcomes proposals for opening paper sessions with special presented subjects by the research and education organizers related to Mechatronics. These suggestions should be sent directly to Program Chair by e-mail ptcat@ioit.ac.vn.

Advertising and Exhibition:

Organizations and individuals who wish to advertise, exhibit products and services at the conference and in the conference's publications should directly contact the Organizing Committee.

Call for Sponsors:

The conference organizers appreciate finance and service supported by organizations and individuals for a great success of VCM-2014 Conference. Please contact the VCM-2014 Conference Organizing Committee. The organization and individual sponsors will be acknowledged and published in the VCM-2014 Conference.

Contact: Conference Secretariat

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Important Dates:

Submission of Full Papers

August 20, 2014

Notification of Acceptation

October 10, 2014

Submission of Final Paper

October 25, 2014

Conference Registration

November 5, 2014

Conference Date

November 21-22, 2014