



Call for Papers
10th International Conference on Mechatronics Technology
November 20-24, 2006, Mexico City, Mexico
First Announcement

Organizer:

Instituto Tecnológico y de Estudios Superiores de Monterrey (Monterrey Tech)

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Conference Chairman

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Co-Chairmen

Yoshimi Takeuchi (Japan)
Pham Anh Tuan (Vietnam)

Organizing Committee

Chairman: Ricardo Swain Oropeza

Co-Chairmen: Jesús Eugenio García Gardea, Neil Hernández

Date:

November 20 (Mon) – 24 (Fri), 2006

Conference Site:

México City, MÉXICO
(Hotel address will be announced soon)

Main Theme:

Cutting-Edge and Emerging Mechatronic Technologies

Technical Sessions:

In addition to the regular tracks of technical presentations, the technical program will also feature invited sessions with industry and technology specific themes. Special emphasis will be placed on cutting-edge, and emerging applications of mechatronic technologies. Topics of interest include, but are not limited to the followings:

(1) Advanced Mechatronics Devices

Robotics, Special mechanism in machine tools, Intelligent mechanism, Motion control, Man-machine interface, Mobile robots.

(2) Mechatronics Sensing, actuators and Control

Sensors, New actuators, Smart sensors and actuators, Smart materials and structures, Computer vision and recognition, Measurement and control, Automated navigation, Modeling, Identification, Intelligent and advanced control, Learning control, Artificial intelligence.

(3) MEMS & NEMS

Precision mechatronics, Ultra high precision measurement and positioning, Ultra high precision machining, Micro Electro Mechanical System, Optomechatronics, Nanotechnology.

(4) Production System

Flexible automation production, Automation technology, Intelligent machine tools, Reverse engineering, On machine sensing and control, Production planning, Scheduling, Consumer based production, Inverse manufacturing, E-manufacturing, Infotonics-Enabled Mechatronics Systems for E-Maintenance, Rapid prototyping and manufacturing, Remote manufacturing with Internet.

(5) Bioengineering

Biosensors, Biochip manipulation, Medical equipment, Human Friendly Mechatronics, Life cycle design, Maintenance, Recycle Technology, Ecological design and production.

(6) Human Resource Development, Education and Strategy on Mechatronics Technology

Education system and program, Computer Aided Instruction, Virtual Reality Applications on Education, Globalization, Policy and Strategy Studies.

(7) Information and Networking

Network based control systems, Real-time systems, Embedded systems.

Deadlines:

Submission of contributed and invited papers	July 31, 2006
Notification of acceptance of contributed and invited papers	August 31, 2006
Submission of camera ready manuscripts	September 30, 2006
Deadline for early registration	October 21, 2006

Submission procedure:

Full-length papers should be sent until July 31 2006 to the International Program Chairman by e-mail: ddorante@itesm.mx (**Author's Guide**)

Keynote Lectures:

Members: J. Eugenio García Gardea, Alejandro Aceves L. Michail Kalagiannakis
Conference Fees
 The conference fee includes registration, proceedings, banquet, exhibitions and tours

Classification	Early (USD)	Late (USD)
All attendee (including speaker)	300	350
Student attendee (including speaker)	100	150
Banquet fee for an additional guest	50	50

Further information
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<http://www.gda.itesm.mx/ICMT2006>

Tourist Information about Mexico City
<http://www.allaboutmexicocity.com/>

<http://www.gda.itesm.mx/ICMT2006/keynote.html>

Conference Fee:

http://www.gda.itesm.mx/ICMT2006/conf_fee.html

Conference Hotel:

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