



**International Joint Conferences on  
Computer, Information and Systems  
Sciences and Engineering  
(CIS<sup>2</sup>E 05)**

<http://www.cisse2005.org>

December 10 – 20, 2005

**Sponsored by:**

**Institute of Electrical & Electronics Engineers  
(IEEE)**

**University of Bridgeport**



**Prof. Toshio Fukuda**

Depts. of MicroSystem Engineering,  
Mechano-Informatics & Systems

Nagoya University

Furo-cho, Chikusa-ku

Nagoya 464-8603, Japan

Phone: +81-52-789-4478

Fax: +81-52-789-3115

[fukuda@mein.nagoya-u.ac.jp](mailto:fukuda@mein.nagoya-u.ac.jp)

<http://www.mein.nagoya-u.ac.jp/staff/fukuda-e.html>

**Chairpersons**

**Prof. Tarek Sobh**

Dean, School of Engineering

University of Bridgeport

221 University Avenue

Bridgeport, CT 06604, USA

Phone: +1 (203) 576-4116

Fax: +1 (203) 576-4766

[sobh@bridgeport.edu](mailto:sobh@bridgeport.edu)

<http://www.bridgeport.edu/~sobh>

**Prof. Khaled Elleithy**

Dept. of Computer Science and Engineering

University of Bridgeport

221 University Avenue

Bridgeport, CT 06604, USA

Phone: +1 (203) 576-4703

Fax: +1 (203) 576-4766

[elleithy@bridgeport.edu](mailto:elleithy@bridgeport.edu)

<http://www.bridgeport.edu/~elleithy>

**Main Theme**

**CISSE 05** provides a **virtual** forum for presentation and discussion of the state-of-the-art research on computers, information and systems sciences and engineering. The virtual conference will be conducted through the Internet using web-conferencing tools, made available by the conference. Authors will be presenting their PowerPoint, audio or video presentations using web-conferencing tools without the need for travel. Conference sessions will be broadcast to all the conference participants, where session participants can interact with the presenter during the presentation and (or) during the Q&A slot that follows the presentation. This international conference will be held entirely on-line. The accepted and presented papers will be made available after the conference both on a CD and as a book publication. Conference participants - authors, presenters and attendees - only need an internet connection and sound available on their computers in order to be able to contribute and participate in this international ground-breaking conference. The on-line structure of this high-quality event will allow academic professionals and industry participants to contribute work and attend world-class technical presentations based on rigorously refereed submissions, live, without the need for investing significant travel funds or time out of the office. Potential non-author conference attendees who cannot make the on-line conference dates are encouraged to register, as the entire joint conferences will be archived for future viewing. **CISSE 05** is composed of the following four conferences:

**International Conference on Industrial Electronics, Technology & Automation (IETA 05)**

**Topics:** Advanced and Distributed Control Systems, Intelligent Control Systems (NN, FL, GA, etc.), Expert Systems, Man Machine Interaction, Data Fusion, Factory Automation, Robotics, Motion Control, Machine Vision, MEMS Sensors and Actuators, Sensors Fusion, Power Electronics, Intelligent Transportation, Modeling and Simulation, VR, Parallel Systems, Signal Processing, Mechanical Systems.

For a more comprehensive list of topics please visit: <http://www.cisse2005.org/ieta.aspx>

**International Conference on Telecommunications and Networking (TeNe 05)**

**Topics:** Computer Networks, Telecommunication Technology, Coding and Modulation technique, Modeling and Simulation, Spread Spectrum and CDMA Systems, Ultra Wideband Communications, Public-Key Cryptography and Message Authentication, Stenography, Web Security, IP Security, Firewalls, Computer Forensics, Cellular and Wireless networks, Mobile Computing, Access Technologies.

For a more comprehensive list of topics please visit: <http://www.cisse2005.org/tene.aspx>

**International Conference on Systems, Computing Sciences and Software Engineering (SCS<sup>2</sup> 05)**

**Topics:** Internet-based Computing Models, e-Science and Virtual Instrumentation, Biometric Authentication, Computers for People of Special Needs, Human Computer Interaction, Information and Knowledge Engineering, Algorithms, Parallel and Distributed processing, Modeling and Simulation, Embedded Systems, Databases, Programming Languages, Signal Processing Theory and Methods, Object Based Software Engineering, Parallel & Distributed Computing, Computer Architecture, Real-Time Systems, Multiprocessing, OS Structures.

For a more comprehensive list of topics please visit: <http://www.cisse2005.org/scss.aspx>

**International Conference on Engineering Education, Instructional Technology, Assessment, and E-learning (EIAE 05)**

**Topics:** Instructional Design, Accreditation, Curriculum Design, Educational Tools, Teaching Capstone Design, Teaching Design at the Lower Levels, Design & Development of e-Learning tools, Assessment, Economic & Social Impact of e-learning, Educational Tools.

For a more comprehensive list of topics please visit: <http://www.cisse2005.org/eiae.aspx>

**Paper Submission**

Prospective authors are invited to submit full papers electronically in Microsoft Word or PDF format through the website of the individual conference at <http://www.cisse2005.org>. Accepted papers must be presented in the virtual conference by one of the authors. To submit your paper, visit <http://www.cisse2005.org/author/submit.aspx> or visit the individual conference pages.

**Paper submission Deadline:**

**September 30, 2005**

Notification of Acceptance:

**October 28, 2005**

Final Manuscript and Registration:

**November 18, 2005**