
* The Fourth International Joint Conferences on Computer, *
* Information, and Systems Sciences, and Engineering (CISSE 2008) *
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* <http://www.cisse2008online.org> *
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December 5-13, 2008

Technically Co-Sponsored by:

Institute of Electrical & Electronics Engineers (IEEE); University of Bridgeport

CONFERENCE OVERVIEW

CISSE 2008 provides a virtual forum for presentation and discussion of the state-of the-art research on computers, information and systems sciences and engineering. CISSE 2008 is the fourth conference of the CISSE series of e-conferences. CISSE is the World's first Engineering/Computing and Systems Research E-Conference. CISSE 2005 was the first high-caliber Research Conference in the world to be completely conducted online in real-time via the internet. CISSE 2005 was the first high-caliber Research Conference in the world to be completely conducted online in real-time via the internet. CISSE 2005 received 255 research paper submissions and the final program included 140 accepted papers, from more than 45 countries. CISSE 2006 received 691 research paper submissions and the final program included 390 accepted papers, from more than 70 countries. CISSE 2007 received 750 research paper submissions and the final program included 406 accepted papers, from more than 80 countries.

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 and sent to the authors after the conference both on a DVD (including all papers, powerpoint presentations and audio presentations) and as a book publication. Springer, the official publisher for CISSE, published the 2005 proceedings in 2 books and the CISSE 2006 and CISSE 2007 proceedings in four books.

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 their 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.

The concept and format of CISSE is ground-breaking. The PowerPoint presentations, final paper manuscripts and time schedule for live presentations over the web had been available for weeks prior to the start of the conference for all registrants, so that the participants can choose the presentations they want to attend and think about questions that they might want to ask. The live audio presentations were also recorded and are part of the permanent CISSE on-line archive - accessible to all registrants- which also includes all the papers, PowerPoint and audio presentations.

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.

The CISSE conference audio room provides superb audio even over low speed internet connections, the ability to display PowerPoint presentations, and cross-platform compatibility (the conferencing software runs on Windows, Mac, and any other operating system that supports Java). In addition, the conferencing system allowed for an unlimited number of participants, which in turn granted us the opportunity to allow all CISSE participants to attend all presentations, as opposed to limiting the number of available seats for each session.

Prospective authors are invited to submit full papers electronically in Microsoft Word format through the website of the conference at <http://www.cisse2008online.org>. Accepted papers must be presented in the virtual conference by one of the authors. To submit your paper, please visit <http://www.cisse2008online.org>

CISSE 2008 is composed of the following four conferences:

International Conference on Systems, Computing Sciences and Software Engineering (SCSS 08)

Topics: Grid Computing, Internet-based Computing Models, Resource Discovery, Programming Models and tools, 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, Services and Applications, Embedded Systems and Applications, Databases, Programming Languages, Signal Processing Theory and Methods, Signal Processing for

Communication, Signal Processing Architectures and Implementation, Information Processing, Geographical Information Systems, Object Based Software Engineering, Parallel and Distributed Computing, Real Time Systems, Multiprocessing, File Systems and I/O, Kernel and OS Structures.

International Conference on Telecommunications and Networking (TeNe 08)

Topics: Optical Networks and Switching, Computer Networks, Network architectures and Equipment, Access Technologies, Telecommunication Technology, Coding and Modulation technique, Modeling and Simulation, Spread Spectrum and CDMA Systems, OFDM technology, Space-time Coding, Ultra Wideband Communications, Medium Access Control, Spread Spectrum, Wireless LAN: IEEE 802.11, HIPERLAN, Bluetooth, Cellular Wireless Networks, Cordless Systems and Wireless Local Loop, Mobile Network Layer, Mobile Transport Layer, Support for Mobility, Conventional Encryption and Message Confidentiality, Block Ciphers Design Principles, Block Ciphers Modes of Operation, Public-Key Cryptography and Message Authentication, Authentication Application, Stenography, Electronic Mail Security, Web Security, IP Security, Firewalls, Computer Forensics.

International Conference on Engineering Education, Instructional Technology, Assessment, and E-learning (EIAE 08)

Topics: Instructional Design, Accreditation, Curriculum Design, Educational Tools, 2-2-2 Platforms, Teaching Capstone Design, Teaching Design at the Lower Levels, Design and Development of e-Learning tools, Assessment Methods in Engineering, Development and Implementation of E-learning tools, Ethics in Education, Economical and Social Impacts of E-learning.

International Conference on Industrial Electronics, Technology & Automation (IETA 08)

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, High Frequency Converters, Motors and Drives, Power Converters, Power Devices and Components, Electric Vehicles and Intelligent Transportation, Process Automation, Factory Communication, Manufacturing Information System Advances in Manufacturing Systems, Industrial Applications of Multi Media, Intelligent Systems Instrumentation, Industrial Instrumentation, Modeling and Simulation, Signal Processing, Image and Data Processing, VR and Parallel systems..

Paper Submission

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Accepted papers must be presented in the virtual conference by one of the authors. To submit your paper, visit <http://www.cisse2008online.org>

Paper submission Deadline:	October 15th, 2008
Notification of Acceptance:	November 9th, 2008
Final Manuscript and Registration:	November 26th, 2008

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