



The 2005 IEEE International Conference on Information Reuse and Integration (IEEE IRI-2005) **Knowledge Acquisition and Management**

August 15-17, 2005

Las Vegas Hilton, Las Vegas, Nevada, USA

<http://www.cs.fiu.edu/IRI05>

Sponsored by the IEEE Systems, Man and Cybernetics Society

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This year's conference theme addresses all aspects of **Knowledge Acquisition and Management** as they relate to the design, implementation, and maintenance of large-scale systems. This theme was selected to reflect the interdependency among AI, multimedia, networking, software and systems engineering, telecommunications, etc. within the context of reuse and integration. The IEEE International Conference on Information Reuse and Integration will feature contributed as well as invited papers. Theoretical and applied papers are both included in this call. The conference program will include special sessions and open forum workshops. The focus of the conference includes, *but is not limited to*, the areas listed below:

- Component-Based Design
- Data Mining and Knowledge Discovery
- Decision Support Systems
- HW & SW Engineering for Reuse
- Fuzzy and Neural Systems
- Fuzzy Logic
- Large Scale Data Integration
- Human-Machine Information Systems
- Reuse in Software Engineering
- Information Assurance
- Soft Computing
- Knowledge Acquisition and Management
- Evolutionary Computing
- Case-Based Reasoning
- Model-Based Reasoning
- Multimedia Reuse & Integration
- Internet Computing
- Knowledge Management and E-Government
- Agent-Based Systems
- Sensory and Information Fusion
- Natural Language Understanding
- Command & Control Systems (C4ISR)

Instructions for Authors:

Papers reporting original and unpublished research results pertaining to the above and related topics are solicited. Full paper manuscripts must be in English of length 4 to 6 pages (using the IEEE two-column template). Submissions should include the title, author(s), affiliation(s), e-mail address(es), tel/fax numbers, abstract, and postal address(es) on the first page. Papers should be submitted at the conference web site: <http://www.cs.fiu.edu/IRI05>. If web submission is not possible, manuscripts should be sent as an attachment via email to one of the Program Chairs listed below on or before the deadline date of **March 31, 2005**.

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The attachment must be in .pdf (preferred) or word.doc format. The subject of the email must be "IEEE IRI 2005 Submission." Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Authors should certify that their papers represent substantially new work and are previously unpublished. Organizers of prospective special sessions and panels are invited to submit proposals and should contact one of the Program Chairs directly as soon as possible, but no later than January 31, 2005. Paper submission implies the intent of at least one of the authors to register and present the paper, if accepted. Authors of selected papers that are also presented at the conference will be invited to submit expanded versions of their papers for review for publication in the appropriate IEEE SMC Transactions.

Important Dates:

January 31, 2005

March 31, 2005

May 20, 2005

June 15, 2005

July 1, 2005

August 15-17, 2005

Proposals for special sessions, panels, tutorials, and workshops

Paper submission deadline

Notification of acceptance

Camera-ready due

Conference registration

Conference