

# Call for Papers

## IEEE Transactions on Systems, Man, and Cybernetics (SMC) Part C: Applications & Reviews

### Special Issue on: **Information Reuse and Integration**

The last several decades have witnessed the creation of a tremendous amount of information and artifacts from large and complex software system development. To meet the challenge of the increasing criticality of software within Systems and developing complex systems of systems, it is of pivotal importance to have disciplined ways to reuse and integrate existing information and artifacts. Toward such a goal, researchers in the field have studied issues in the capture, maintenance, integration, validation, extrapolation, and application of knowledge. Various methodologies and techniques have been developed for information reuse and integration in areas such as AI, multimedia, networking, software and systems engineering, and telecommunications.

This special issue aims at industrial applications or review type papers. It is intended to (i) provide a summary of research that advances information reuse and integration, and (ii) serve as a comprehensive collection of some of the current state-of-the-art technologies within the context of information reuse and integration. The solicited original papers include, but are not limited to, the topical areas listed below:

- AI & Decision Support Systems
- Natural Language Understanding
- Data Mining and Knowledge Discovery
- Soft Computing
- Systems of Systems
- Human-Machine Information Systems
- Space and Robotic Systems
- Semantic Web and Emerging Applications
- Manufacturing Systems & Business Process Engineering

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**Guest Editors:**

Dr. Stuart Rubin (SPAWAR Systems Center, San Diego) Email:  
[stuart.rubin@navy.mil](mailto:stuart.rubin@navy.mil)

Dr. Shu-Ching Chen (Florida International University, USA) Email:  
[chens@cs.fiu.edu](mailto:chens@cs.fiu.edu)

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Submission of revision: July 25, 2008  
Notification of final acceptance: September 26, 2008  
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**Submission Details:**

All manuscripts should be submitted electronically to the IEEE SMCC Electronic Submission System/Manuscript Central at <http://mc.manuscriptcentral.com/smcc-ieee>

The authors should put in the Cover Letter to Editor-in-Chief section The following sentence: This manuscript is submitted for the Special Issue on Information Reuse and Integration (editors: S.H. Rubin and S.-C. Chen).

For detailed submission information, please refer to Information for Authors at <http://www.ieee-smc.org/publications/index.html>