

## **PUBLICATION OPPORTUNITY IN SCI/ISI EXPANDED JOURNALS**

Excellent papers from the ICISO 2014 conference will be selected and invited to revise and extend for the special sections in the International Journal of Computers, Communications & Control (IJCCC) and Studies in Informatics and Control (SIC/ISI expanded) journals, both of which are SCI expanded journals with impact factors.

### **A. More information about the IJCCC Special Sections Journal:**

IJCCC is a journal that emphasizes the integration of the three technologies, notably, 3 "C" (Computing, Communication, Control) and is also an ISI/SCI expanded journal with impact factors as follows:

Impact Factor/3 years in JCR2009: 0.373

Impact Factor/3 years in JCR2010: 0.650

Impact Factor/3 years in JCR2011: 0.438

For more information on IJCCC, please link to <http://journal.univagora.ro/>

### **Theme:**

The theme of this special section in the IJCCC is "The Fusion of Service Science & Knowledge Innovation with Information, Technologies and Control".

### **Introduction and Background:**

The service sector is the largest sector of the economy in most industrialized nations, and is fast becoming the largest sector in developing nations as well. The growth in the service sector is largely driven by advancements in information & communicative technologies. With the rise of technology-enabled services, many traditionally manufacturing-based companies have also begun to see more and more revenue generated by service operations. The trend towards innovation for many industries now is shifting heavily towards the fusion of service science with that of technology, business, social, and client (demand) innovations. A vital part of this growth is driven by information & communicative technology that has provided optimization and a more effective infrastructure and development platform.

In both services as well as manufacturing industries, there is growing recognition in that service innovation is vital in the quest of optimizing growth. Fostering cutting-edge information, technologies & control to support innovation and to deal with the complexities of changing demands of suppliers, customers and other stakeholders is essential. The fusion of Service Science & Knowledge Innovation with that of Information and Technologies is not only important for supporting market orientation, organizational learning, absorptive capacity, and knowledge management, but also for innovation and innovative capability

### **Aims & Scope**

For the special section in IJCCC, we aim at collecting a number of diverse, outstanding papers in the field of service science and knowledge innovation that infuses information, technology & control and their applications to complex and original real world problems. High-quality papers such as theoretical or empirical research, case studies, and review papers will particularly be encouraged.

Papers for this special section in IJCCC are encouraged to present the latest developments, trends, and research solutions of ambient and context-aware service science and knowledge innovation. Integrating with IJCCC's 3 "C" essential elements (Computing, Communication & Control) when shortlisting paper topics for IJCCC. The following list exemplifies topics welcomed for the special sections in IJCCC

- Organizational semiotic theory, concepts, methods and techniques, and their practical

- applications
- Semiotically-inspired approaches to information management
- Big data, data science and business intelligence
- Decision analysis and methods
- Operations research in service
- Systems modeling and simulation
- Information management and engineering
- Technology and knowledge management
- Service innovation and management
- E-business and e-commerce
- Healthcare systems and management
- Financial engineering and risk management
- Industrial production and service engineering
- Logistics engineering and supply chain management
- Corporate responsibility and sustainability
- Socio-technical perspectives to enterprise systems

### **Special Section Editorial Board**

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#### **More information about the SIC Special Sections Journal:**

The Studies in Informatics and Control (SIC) journal is indexed and/or abstracted by several indexing and abstracting services in Information Systems Applications, Computer-based Control, Electrical Engineering, Database Management, etc. It has been included within the coverage of Inspec database (since 1993), Doaj (since 1996), Google Scholar (since 2006) and Philadelphia-based Institute of Scientific Information (ISI) / Thomson Scientific-SCIEx (since 2008). SIC is also included in SCIOPI. The below are SIC indicators in Journal Citation Reports:

Impact Factor/3 years in JCR 2010: 0.671

Impact Factor/3 years in JCR 2011: 0.578

Impact Factor/3 years in JCR 2012: 0.554

For more information on SIC, please link to <http://sic.ici.ro/about.html>

**Theme:**

The theme of this special section in SIC is “*Exploring New Informatics & Control in the Digital Era*”

**Introduction and Background:**

Looking around the global environment now, research in informatics reveals a rather rich variety of different approaches. One reason is that this discipline has undergone radical changes over the years; constantly changing, overlapping, merging and separating. Other reasons being both research orientations and evolution of its use differ radically from one country to another, and even, from one organization to another, despite being possibly in the same subject field and same problem domain.

In today’s context, informatics and its applications have enabled nearly every industry in the world from finance and banking to universities and non-profit organizations, to reorganize their processes to reduce costs, to be more competitive, and to provide better and more personalized customer care. Such new business strategies require organizations to implement new technologies in order to achieve their desired business changes. As a result, informatics has expanded to enable organizations to achieve many wondrous goals.

For the special sections in SIC, we define informatics in a new light: *New Informatics in the Digital Era*. We see informatics to be the study of information as a resource which facilitates organization operations through knowledge management, innovation, service design, engineering and management, and other scientific and economic activities. Informatics is seen as playing a key role in boosting the development of many inter-disciplinary applications and studies including computer science, human-computer interaction, information science, information technology, algorithms, areas of mathematics, and social sciences, just to name a few. As development time decreases, the traditional theoretical and experimental abilities are pushed to extend beyond borders of the conventional modalities to a broad extent. New Informatics is not only seen as developing from an autonomous scientific area, which supports the success not only in the branch of information technologies, but also contributing to wide variety of consequences that influences the lives of individuals and society, as well as to the growth and survival of industries.

**Aims & Scope**

The paper for this special sections in SIC is encouraged to apply “*New Informatics in the Digital Era*” that goes far beyond ‘traditional’ modalities. Informatics encompassing a diverse field to the development, implementation, and research and its application of Information Technology, Information Science, Computer Science, Business Management, Project Management in a field. The paper should aim at understanding and discovering newly emerging research in informatics in the Digital Era.

For the special section in SIC, we aim at collecting a number of diverse, outstanding papers in the field of informatics & control and their applications to complex and original real world problems. Papers that are original and applied that report on activities that have successfully connected applied research with practical application will be highly encouraged. In addition to full-length articles, we also intend to accept special issues, and scientific events, presenting latest developments, trends, and research solutions of ambient and context-aware on all aspects of research and practice in informatics and control. Current topics relating to innovative research and practice in Information Technology: integration of IT with control; IT use in control and management systems; advanced automatic control; application of IT in socio-economic systems and manufacturing processes are encouraged. The following list exemplifies topics welcomed for the special sections in SIC:

- Organisational semiotic theory, concepts, methods and techniques, and their practical applications
- Semiotically-inspired approaches to information management
- Big data, data science and business intelligence
- Decision analysis and methods
- Operations research in service
- Systems modelling and simulation
- Information management and engineering
- Technology and knowledge management
- Service innovation and management
- E-business and e-commerce
- Healthcare systems and management
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