1st CFP - Technical Tracks (Regular Track and Special Track)

Acceptance notifications: Feb 26, 2012
Camera ready versions: Mar 18, 2012

REGULAR TRACK

The symposium expects the submission of technical papers that clearly show contributions to research in Information Systems (IS) area and that are related to the symposium interest topics. Papers on all topics listed below are expected, not just those related to the main theme of this edition ("Smart Cities"), for which there is a special track as described in the end of this call.

1. Regular Track - Topics of Interest

The list of topics of interest (not exhaustive) includes the following items:

- Management and Business
- Information Architecture and Information Technology
- Enterprise Architecture
- Entrepreneurship in the IS area
- Fundamentals of IS
- Mathematical Fundamentals for IS
- Knowledge Management and Organizational Learning
- IS Managements
- Information Technology Infrastructure
- Innovation and New Technologies applied to Organizational IS
- Methodologies and approaches for IS Engineering
- Operations Research, Systems Modeling; Simulation
- IS Planning, Auditing, Strategic Alignment, Security and Risk, Quality, Project Management, and Business Process Management
- Psychology applied to IS, Social and Human Aspects in IS
- Intelligent IS (intelligent agents, genetic algorithms, machine learning, data mining, formal models, ontologies, automated reasoning, neural networks, knowledge representation)
- General Systems Theory
- IS Verification and Validation
2. Regular Track - Paper Submission

Papers may be written in English or Portuguese and should follow the SBC papers publishing model (http://www.sbc.org.br/en/index.php?option=com_jdownloads&Itemid=195&task=view.download&catid=32&cid=38) and be submitted in PDF format.

There are two possible types of submission:

- **Full Papers**: they must have seven to 12 pages (including figures, tables, diagrams, bibliography and appendices). Papers submitted as "Full Papers" may, after evaluation by the Program Committee, have their acceptance recommended as "Short Papers".
- **Short papers**: they should be limited to six pages (including figures, tables, diagrams, bibliography and appendices). Short papers should preferably describe "work in progress", whose results are not fully consolidated.

Proposals for papers should be submitted electronically through the SBC's JEMS systems, using the following tracks (https://submissoes.sbc.org.br/home.cgi?c=1496):

- **Full Papers**: SBSI 2012 – Technical Tracks – “1. Regular Track - Full papers”.
- **Short papers**: SBSI 2012 – Technical Tracks – “2. Regular Track - Short papers”.

All contributions will be reviewed considering the technical merit and the relevance to the symposium.

Accepted papers will be published in the symposium proceedings conditional upon registration of at least one of the authors at the event.

The following journals are committed to publish extended versions of papers as a selection of best papers:

- iSys – Revista Brasileira de Sistemas de Informação – Electronic ISSN 1984-2902

### SPECIAL TRACKS

In addition to the Regular Track, the SBSI 2012 PC invites submission of papers on four other Special Tracks, which will count on independent evaluation and selection processes, as follows. Papers that fit specifically in one of these four Special Tracks and which are submitted for the Regular Track will be redirected to be evaluated on the correct track as expected.

1. **Special Track 1 – Information Systems and Smart Cities (Positions Papers)**

   Within the specific theme for SBSI 2012 - Smart Cities - submissions are open for "position papers" related to research in IS applied to Smart Cities. This track expects, for example, papers presenting proposals for research projects, challenges or research prospects, or researches already in progress whose results are still not fully completed or evaluated - always related to the application or development of IS in some field of Smart Cities. These papers, however, must meet the scientific research and academic standards, containing - for example - clear motivation, scientific relevance, related previous works, research methods, and desired results or results already achieved. The papers in this special track should be limited to six pages (ie, "short papers"). Proposals for papers should be submitted electronically through the SBC's JEMS systems, using the SBSI 2012 – Technical Tracks – “3. Special Track - IS and Smart Cities” (https://submissoes.sbc.org.br/home.cgi?c=1496). All other instructions from Regular Track apply.

2. **Special Track 2 – Industry Experience Reports and Case Studies**

   Several studies in the IS area are performed within the software industry and have great merit to be presented to the community in general. In addition, there are also several works being developed in the IS
related to case studies, even in academia, aiming at evaluating techniques, methodologies, tools, or existing processes. This special track expects the submission of papers describing this type of work which can contribute greatly to the symposium in general and more specifically to bring together the academic and industrial communities in discussion of theoretical and practical issues. The papers in this special track should be limited to 12 pages (ie, "full papers"). Proposals for papers should be submitted electronically through the SBC’s JEMS systems, using the SBSI 2012 – Technical Tracks – “4. Special Track - Industry Experience Reports and Case Studies” (https://submissoes.sbc.org.br/home.cgi?c=1496). All other instructions from Regular Track apply.

3. Special Track 3 – Applications of Information Systems – Tools

The purpose of this track is to provide the possibility to submit applications and tools being developed in the IS area, covering different needs and diverse goals of great interest in this application area. The target audience includes members of the academic community, which may demonstrate the practical results of their research projects in the applied IS area, as well as members of the software industry who are interested in presenting commercial tools or from internal use, in both cases also from the IS area. Works on this track will be submitted in a paper format, and those selected ones will be presented during a formal technical session. The papers in this special track should be limited to 12 pages (ie, “full papers”). Proposals for papers should be submitted electronically through the SBC’s JEMS systems, using the SBSI 2012 – Technical Tracks – “5. Special Track - Applications of Information Systems - Tools” (https://submissoes.sbc.org.br/home.cgi?c=1496). All other instructions from Regular Track apply.

4. Special Track 4 – Education in Information Systems

The Higher Education commitments in the twenty-first century have been widely discussed since the late 90s of last century. Technological, economic, social and environmental changes require a continuing education that fosters the development of technical and professional skills and social skills that contribute to act as professionals and citizens ethically committed to the respect for human rights and sustainability. In this context, the Education in IS track aims at providing a discussion of education in IS within the undergraduate and graduate levels. The issues relevant to the track relate to IS and include:

- Curriculum and Programs
- Teaching and learning methodologies
- Techniques and tools applied to teaching and learning
- University-Enterprise Integration

The papers in this special track should be limited to 12 pages (ie, "full papers"). Proposals for papers should be submitted electronically through the SBC’s JEMS systems, using the SBSI 2012 – Technical Tracks – “6. Special Track - Education in Information System” (https://submissoes.sbc.org.br/home.cgi?c=1496). All other instructions from Regular Track apply.

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- Célia Ghedini Ralha (UnB, Brazil)
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SBSI 2012 Program Committee

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