

**CINDI/ConfSys: Conference Management System****C3S2E'10****C\* Conference on Computer Science & Software Engineering**Montreal, QC, CANADA

19-21 May, 2010

**Menu**

ConfSys User

**Signup/Login****Local Info**

Local Info

**Committees**

Program

**Author Help**

Help

**Call For Papers**

C3S2E10<sup>[\*]</sup> is the third in a revived series of conferences to address the need of the academic community in computing science and software engineering. The objective of C3S2E is to meet annually to exchange ideas on the continuing need to address the new challenges both from the theoretical as well as application aspects of computing and engineering of software systems. C3S2E encourages the participation of practitioners from governmental and non-governmental agencies, industries, and academia.

C3S2E invites quality papers describing original and applied research ideas and new findings on technological and theoretical aspects of computing and software engineering. In particular, we welcome submissions describing work on integrating new technologies into products and applications, on experiences with existing and novel techniques, and on the identification of unsolved challenges. We consider this meeting to be an important forum to discuss experiences in applying computing and software engineering to actual situations. Authors are invited to submit papers in English or French, reporting recent research in the area of computing and software development theories and practices and experience in related fields. While research papers should report original research work, experience and application papers should describe the development and operations of challenging computing related systems and applications.

The symposium will have focused sessions in the following areas:

- Algorithms and Theory
- Artificial Intelligence and Related Subjects
- Bio-medical, life science and medical computing
- Computational Linguistics
- Computing Applications
- Core Computing Technology
- Data Bases
- E-Commerce
- Ethics
- Hardware and Architecture
- Human-Computer Interaction
- Open Source

- Parallel Computing
- Programming Languages
- Privacy and Security
- Software Engineering
- Supercomputing
- System Technology
- Virtual Reality
- Web Design and Development
- Emerging computing technologies

**The scope of the conference includes the above topics but is not restricted to these areas in computing and software engineering: following are some of the topics typically used by computer scientists to describe their interests.**

*Algorithms, Applications, Artificial intelligence, Automata theory, Automated reasoning, Bioinformatics, Compiler theory, Computability theory, Computational complexity theory, Computational linguistic, Computer architecture, Computer graphics, Computer programming, Computer security, Computer vision, Concurrency, Cryptography, Data Models, Data mining, Data structures, Data warehousing, Digital library, Distributed computing, Expert Systems, Formal methods, Functional Programming, Game theory, Graph theory, Human computer interaction, Image processing, Information Retrieval, Knowledge base system, Machine learning, Machine translation, Mathematical logic, Multimedia, Natural Language Processing, Networking, Number theory, Numerical analysis, Operating systems, Parallel computing, Programming language, Quantum computing theory, Reverse engineering, Robotics, Scientific computing, Semantic Web, Semi-structured data, Software engineering, Speech synthesis and recognition, Super computing, Symbolic computation, Web database*

#### **Call for proposals for Workshop or Panels**

Proposals are invited for workshops or panels to be held in conjunction with the symposium, in the areas of interest within the scope of conference. The detailed proposals should reach the program chairs by 15 Feb., 2010.

#### **Position Papers**

In addition to regular papers, position papers are invited. These papers could be work in progress and/or exploring of new concepts and directions.

**Position papers should be clearly marked on the first page and for the review purpose could be of a length varying from a short paper(6-10 pages) to a regular full paper(15-20 pages).**

#### **Poster & Demos**

This is an integral part of this meeting. In the poster session, graduate students are invited to compete by presenting their work in progress either as a poster or a demo. The students have a chance to orally present their work and also display the salient features of their work and answer questions. The posters would be [judged](#) by the attendants and the best posters would be awarded prizes.

The length of a poster paper and demo proposal for review purpose would be 5-7 pages. The adviser could be a co:author of a poster paper or demo proposal, however, if the poster paper/demo is accepted, the student is required to register and participate. Poster papers and demo summaries would be published as part of the proceedings.

#### **Conference Publication**

The conference proceedings will be published by BytePress/ACM and would be added to ACM's Digital Library. All submissions would also be invited to publish their papers in the CINDI Digital Library. The extended version of the best papers would also be invited for publication in a special edition of reputed journal.

### Important Dates

All the dates are given on the milestone page on ConfSys for C3S2E(accessible to registered authors). The following are the salient ones:

Paper and Poster submission deadline: 2010-01-29  
 Acceptance notice: 2010-03-17  
 Camera-ready copies deadline: 2010-04-21  
 Conference dates: 2010-05-19 -- 2010-05-21

Please visit the ConfSys (<https://confsys.encs.concordia.ca/c3s2e10>) web sites for further instructions. ConfSys is used to manage all administrative functions of the conference.

### Organized by

Concordia University, Montreal, Canada;  
with the cooperation of ACM, and BytePress

#### General Chair:

Bipin C. Desai (Concordia University, Montreal, Canada)

#### Local Organization

Concordia University, Montreal, Canada

#### Program Chairs:

Carson K. Leung (University of Manitoba)

Sudhir Mudur(Concordia University)

#### Publicity Chair

Joey Paquet (Concordia University)

### Submission Guidelines

Please prepare the full paper in proportional font size of 11 or 12(Times Roman font or equivalent) with spacing of 1.5 lines. The paper, for review, should be about 5000 words (15-20 pages).

The upload to ConSys should be in PDF format. Please do not use any special characters or foreign language fonts. Reviewers may not be able to open such documents. Please observe the following:

#### FORM OF MANUSCRIPT

Manuscripts should be formatted for single sided letter or A4 sized paper, with spacing of at least 1.5 lines with a 2.5cm margins on all sides. Number pages consecutively with the first page containing the title, the authors, the affiliation, a short abstract from 100 to 250 words, and five to ten key words. Also, indicated all the topics for the paper from the list of topics for the conference in ConfSys. Since these topics as well as the abstract will be used by ConfSys to help the program committee members choose appropriate papers, it is essential to make them as indicative of the contents of the paper as possible.

#### STATEMENT OF EXCLUSIVE SUBMISSION

Submissions must be original. The work cannot have been published previously or be pending publication in another forum and submissions cannot be under review by any other forum.

It is expected that all authors accept the following statement:

*This paper (or a similar version) is not currently under review by a journal or conference, nor will it be submitted to such until the result of this review has been communicated. Furthermore, the author(s) agree to abide by the decision of the Program chairs and would participate in the meeting should the paper be accepted.*

The author who submits a paper is expected to inform all co:authors of the submission and has their approval.

Authors should submit only papers that have been carefully proofread and polished. Papers that are clearly unacceptable will be returned by the editor without being reviewed. Authors must clearly acknowledge the contributions of their predecessors.

Submissions will be evaluated on their originality and significance.

Though a group of authors may submit multiple papers, we expect that each paper would be presented by a separate co:author to allow for a wider point of views during the presentations and discussions. The authors are expected to upload the paper in PDF format.

### **PDF format Guidelines**

At a minimum, basic PDF distiller settings **MUST** be changed so PDF files are: optimized, set to Acrobat 4.0 compatibility, all graphics are set to at least 300 dpi resolution, **ALL** fonts used must be embeddable. Some font manufacturers now flag their fonts to not embed. These fonts should be avoided. Postscript settings **SHOULD NOT** override distiller settings and page size is 612.0 x 792.0 points (8.5" x 11"). Authors should check their final PDF files before submission to verify that all fonts have been properly embedded and subset. Please **DO NOT USE** type 1 (bitmapped) fonts; they do not display correctly in most PDF readers.

The program committee reserves the right to consider any paper, to be accepted as a short paper or to be presented in a poster or the workshop session. One of the authors of each accepted paper is expected to present the paper in person.

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[\*] C3S2E = C\* Conference on Computer Science & Software Engineering;

This meeting started as a revival of an annual Canadian event attended mainly by Canadian participants. During the first meeting, many colleagues, in a very Canadian spirit, expressed the need to open it up for the global participants and hence the first C in the acronym will henceforth be not "officially" spelled out!.

C\* ::= Canadian|Combined|Comprehensive|Consolidated| ...