Call for Papers/Presentations, Panels, Workshops

Computing Professionals 2010 (CP 2010)

April 21-23, 2010
Montréal, Québec, Canada

Sponsored by the IEEE Computer Society and the IEEE Technical Council on Software Engineering

Theme: **Professional Strength Strategies for Succeeding in a Changing World**

CP2010 conference seeks to create an interactive forum for computing-related practitioners, educators, standards developers, regulatory organizations, industrial users, and researchers to share their expertise and knowledge in discussions of professional strength strategies for succeeding in a rapidly changing technical, economic, and social environment.

The Conference provides an opportunity for Computing Professionals to engage and interact to stretch their professional perspectives, learn what works now, and bring added value to themselves as professionals and their organizations.

The Conference format will consist of invited keynote presentations, presentations by leading experts, workshops, panels, open mike sessions, surveys and special interest round tables to allow exchange of innovative concepts, ideas, applications, feedback and lessons learned.

Topics of Interest

Contributions are solicited in the following areas:

- **Architecture and Development**
- **Safety Security, and Reliability**
- **New Paradigms for a Changing World**
- **Knowledge, Education, and Training**
- **Standards**

Topical discussions are expected to include, but are not limited to:

- Software Engineering Best Practices and Tools
- Practical Lessons Learned
- Processes and Methods
- Enterprise Architecture Compliance
- Design and Implementation Considerations
- Solving Interoperability Issues
- Software Security and Safety Practices
- Agile Methodologies
- Social Computing
- Virtualization and Cloud Computing
- Service-Oriented Architectures
- Applications of New Technologies
- Training Needs Assessment for Practitioners
- Cost-Effective Paradigms for Professional Training
- Continuing Professional Education
- Standards in Organizational and Public Policy
- Education On Standards
- New Standards Challenges

In addition, a special track on **Software Engineering as a Profession** is expected to serve as a forum for licensed software engineers, Certified Software Development Professional and Associates (CSDPs and CSDAs) to share experiences and insights on professional certification, licensure, and professional practice.

Topical discussions are expected to include:

- Professional Development
- Professional Ethics
- Competency Assessment
- Bodies of Knowledge
- Certification and Licensing

Submission Application Deadline

A conference management system is available for formal submission of abstracts for your presentation topic, panel proposal or workshop proposal a short biography. Abstracts should be submitted no later than FEBRUARY 5, 2010.

Detailed submission instructions are posted on the conference web site at:
http://computingprofessionals.org/

Acceptance notification: February 15, 2010
Final presentation deadline: March 15, 2010

Questions should be sent to Paul Croll, Program Chair at pcroll@csc.com

VENUE

École de technologie supérieure (ETS)
1100, rue Notre-Dame Ouest
Montréal, Québec, Canada H3C 1K3

ORGANIZING COMMITTEE

General Co- Chairs

John Harauz, Jonic Systems Engineering, Canada

François Coallier, Département de génie logiciel et des TI / Dept of Software and IT Engineering, École de technologie supérieure, Canada

Program Chair

Paul R. Croll , CSC, USA

Treasurer

Elliot Chikofsky, Engineering Management & Integration

SIDEBAR

Who are Computing Professionals?

The computing profession has moved away from simply providing technical solutions and is taking its place at the heart of business. As a consequence computing professionals interact in a community that also includes education and training providers, members of other professions, professional organizations and interest groups, research and development professionals and computing standards development organizations. Ensuring economic competitiveness and satisfying societal needs is depending increasingly on what people do with computer-based technology.

Skilled "Computing Professionals" are responsible for developing and implementing computer-based technology and for its diffusion throughout our society. That label masks an unusually wide range of occupations, including researchers in computer science, computer engineering and software engineering; developers of government and commercial applications and systems; and individuals involved in deploying and maintain existing applications and systems. Adding to the confusion over the identity and number of computing professionals is the growing use of computing in other professional domains. Professional users of computing systems should not be confused with Computing Professionals, those of us who create, develop, or support computing technology and applications.

To perform effectively Computing Professionals need a broad portfolio of competencies. There are fluid boundaries between the competence sets of the various computing specialties and also with those of other professions, e.g., finance, marketing, personnel, training, procurement. This trend towards multi-skilled practitioners who understand the context in which they practice is continuing and requires us to broaden our perspective on the computing profession is order to be successful.