

Subject: Date Standards

In the article on Software Development on p.16 of *IEEE Canadian Review* - Summer 2005, there is a statement “Software Engineering is a discipline that adopts engineering approaches, such as (...), standards, (...) seeking to result in (...) and measurable development schedule [14, 15].”

In this statement, “standards” are mentioned. I mention this because so much software fails the standards test when all-numeric dates are involved. We regularly see dates such as 4/1/2006 - will that be the fourth of January or April Fool’s Day? And, all too often, software does not allow for the international (ISO 8601) standard format (in Canada, CSA/CAN3 Z234.4).

(...) It is time, I believe, that the issue of all-numeric date standards be taken seriously - especially by engineers and engineering schools.

D.T. Bath, Peterborough, ON

Editors’ Response

Dear Mr. Bath:

The *IEEE Canadian Review*’s Managing Co-Editors share your concern for the (reasonable) use of appropriate dates standard. As much as possible, when full numeric dates are used, we will keep an eye on using unambiguous notation such as yyyy-mm-dd. Of course, rigorous standards such as ISO and CSA/CAN3 relevant ones should be used for technical works where such precision is warranted.

Managing Editors

*Readers are invited to comment on material published in the **IEEE Canadian Review** and on matters of interest to engineering and technology professionals. Letters do not represent the opinion of the IEEE. They may be edited for space and clarity. Email: e.holdrinet@ieee.org*

IEEE Fellows Awards

2006 newly-elected Fellows from Region 07



IEEE Canada



The IEEE Fellow Committee has named 271 Senior Members to Fellow Grade, effective January 1st, 2006. The number of new Canadian Fellows is quite impressive at 15, in proportion to our total membership in the organisation, and the Review is proud to number one of its past Managing Editors amongst them. Sincere congratulations to our eminent new Fellows.

<p style="text-align: center;">Prof. Jorge Angeles McGill University Montreal, Quebec</p> <p><i>For contributions to the kinematics, dynamics and design of robotic mechanical systems.</i></p>	<p style="text-align: center;">Dr. Tongwen Chen University of Alberta Edmonton, Alberta</p> <p><i>For contributions to sampled-data control and multirate systems.</i></p>	<p style="text-align: center;">Dr. James Dymond General Electric Canada Hammonds Plains, Nova Scotia</p> <p><i>For contributions to the analysis, design, optimization, testing and application of large AC Machines.</i></p>
<p style="text-align: center;">Dr. George Eleftheriades University of Toronto Toronto, Ontario</p> <p><i>For contributions to conception, analysis and fabrication of electromagnetic materials and their applications.</i></p>	<p style="text-align: center;">Prof. Alex Gershman McMaster University Hamilton, Ontario</p> <p><i>For contributions to adaptive beamforming and sensor array processing.</i></p>	<p style="text-align: center;">Prof. Andre Ivanov University of British Columbia Vancouver, British Columbia</p> <p><i>For contributions to infrastructure intellectual property (IP) for system on a chip (SoC) testing.</i></p>
<p style="text-align: center;">Prof. Geza Joos McGill University Montreal, Quebec</p> <p><i>For contributions to the theory and application of high power converters in power systems.</i></p>	<p style="text-align: center;">Prof. Frank Kschischang University of Toronto Toronto, Ontario</p> <p><i>For contributions to trellis structures, graphical models and iterative decoding techniques for error-correcting codes.</i></p>	<p style="text-align: center;">Dr. Ellsworth LeDrew University of Waterloo Waterloo, Ontario</p> <p><i>For contributions to environmental remote sensing sciences.</i></p>
<p style="text-align: center;">William Lockley Lockley Engineering Calgary, Alberta</p> <p><i>For leadership in the development and application of large electric drive systems for gas compression.</i></p>	<p style="text-align: center;">Dr. Douglas O'Shaughnessy INRS-EMT Université du Québec Montréal, Québec</p> <p><i>For contributions to education in speech processing and communication.</i></p>	<p style="text-align: center;">Dr. Resve Saleh University of British Columbia Vancouver, BC</p> <p><i>For contributions to mixed-signal integrated circuit simulation and design verification.</i></p>
<p style="text-align: center;">Dr. Vijay Sood Hydro-Québec (IREQ) Varenes, Québec</p> <p><i>For contributions to modeling and simulation of high voltage DC (HVDC) transmission systems and controllers.</i></p>	<p style="text-align: center;">Dr. Dennis Woodford Electranix Corporation Winnipeg, Manitoba</p> <p><i>For leadership in the development of digital simulation of DC links and flexible AC transmission devices.</i></p>	<p style="text-align: center;">Dr. Qi-jun Zhang Carleton University Ottawa, Ontario</p> <p><i>For contributions to linear and nonlinear microwave modeling and circuit optimization.</i></p>

Complete list of IEEE Fellows 2006 at <http://www.ieee.org/fellows>



Président de la Conférence

Hussein Mouftah
Université d'Ottawa

Président du comité organisateur

Ramiro Liscano
Université d'Ottawa

Co-présidents du programme technique

Rafik Goubran, Université Carleton
Voicu Groza et
Abdulmotaleb El Saddik,
Université d'Ottawa

Arrangements locaux

John Grefford
CRO Engineering Ltd.

Publication

Raed Abdullah
Hydro Ottawa

Publicité

Bahram Zahir Azami
Hivva Technologies

Finances

Branislav Djokic
Conseil national de recherches Canada

Commandites & expositions

Jim Roy, Centre de recherche sur les
communications Canada

Ateliers & tutoriels

George Yee
Conseil national de recherches Canada

Activités étudiantes

Vijay Narasimhan
Université d'Ottawa

Webmestre

Amir Ghavan
Université d'Ottawa

Président de l'IEEE Canada

Bill Kennedy

Conseiller

Witold Kinsner
Université du Manitoba

Secrétaire & inscription

Wahab Almuhtadi
Collège Algonquin
Ecole de technologie avancée
1385, avenue Woodroffe
Ottawa, Ontario, Canada, K2G 1V8
Téléphone: (613) 727-4723 x 3403
Courriel : ccece06@ieee.org

CCGEI 2006

La technologie pour un monde meilleur

Conférence Canadienne de génie électrique et informatique

7 au 10 mai 2006, Centre des Congrès d'Ottawa, Canada

<http://ieee.ca/ccece06/>

APPEL DE SOUMISSION D'ARTICLES

La conférence canadienne de génie électrique et informatique 2006 de l'IEEE offre un tribune pour la présentation de travaux de recherche et de développement en génie électrique ou informatique provenant du Canada et du monde. Des communications en français ou en anglais sont sollicitées sur des sujets qui incluent, mais ne sont pas restreints à ceux mentionnés ci-dessous :

- Architectures avancées d'ordinateurs
- Electronique analogique et numérique
- Intelligence artificielle
- Réseaux et systèmes informatiques
- Théorie du Contrôle et applications
- Traitement numérique des signaux
- Circuits, Systèmes et ITGE
- Interaction human-machine
- Traitement de l'image et de la parole
- Instrumentation et mesure
- MEMS et Nanotechnologie
- Réseaux neuronaux et logique floue
- Reconnaissance de formes
- Fiabilité des systèmes de puissance
- Systèmes d'exploitation en temps réel
- Micro-ondes et RF
- Télédétection, capteurs et dispositifs
- Apprentissage, affaires, et commerce électronique
- EMC & EMI
- Systèmes à base d'agents et sur Internet
- Électromagnétisme et antennes
- Génie biomédical et bioinformatique
- Communications et systèmes sans fil
- Bases et exploration de données
- Machines et entraînements électriques
- Ingénierie de haute tension
- Calculs de haute performance
- Systèmes intelligents
- Microélectronique et optoélectronique
- Informatique mobile
- Systèmes optiques et photoniques
- Électronique de puissance
- Robotique et mécatronique
- Sécurité, confidentialité et fiabilité
- Génie logiciel
- Production d'énergie et énergies renouvelables
- Réalité virtuelle et Nouveaux médias

1.0 Soumission d'articles

Veillez soumettre électroniquement un résumé de votre article, d'environ 300 mots, au site web:

<http://ieee.ca/ccece06/> au plus tard le décembre 2005.

2.0 Soumission de propositions pour organiser des sessions spéciales

Pour soumettre une proposition visant à organiser une session spéciale, veuillez contacter Dr. Voicu Groza (vgroza@ieee.org), au plus tard le 4 décembre 2005.

3.0 Soumission d'ateliers et de tutoriels

Pour soumettre une proposition visant à offrir ou à organiser un atelier ou un tutoriel, veuillez contacter Mr. George Yee (g.m.yee@ieee.org), au plus tard le 20 janvier 2006.

4.0 Compétition de catégorie étudiante

Si l'auteur principal d'un article soumis à la conférence est un étudiant, cet article sera inclus automatiquement dans la compétition de catégorie étudiante.

5.0 Dates limites à noter

Soumission de résumés d'articles:.....le dimanche, 4 décembre 2005

Soumission de propositions pour sessions spéciales:le dimanche, 4 décembre 2005

Soumission d'ateliers et tutoriels:le vendredi, 20 janvier 2006

Notification d'acceptation d'un article:le dimanche, 5 février 2006

Version finale d'un article et enregistrement d'auteurs: le vendredi, 24 février 2006

6.0 Expositions

Pour louer un espace d'exposition, veuillez contacter le président du comité organisateur de cette activité, Dr. Jasmin Roy (jasmin.roy@crc.ca), au plus tard le 7 avril 2006.



CCECE 2006

Technology for a Better World

19th Annual Canadian Conference on Electrical and Computer Engineering

May 7 - 10, 2006, Ottawa Congress Centre, Ottawa, Canada

<http://iee.ca/ccece06/>

CALL FOR PAPERS

The 2006 IEEE Canadian Conference on Electrical and Computer Engineering provides a forum for the presentation of electrical and computer engineering research and development from Canada and around the world. Papers are invited, in French or English, including but not limited to the following topics:

- Advanced Computer Architecture
- Analog & Digital Electronics
- Artificial Intelligence
- Computer Networks & System
- Control Theory & Applications
- Digital Signal Processing
- Electronic Circuit and VLSI
- Human-Machine Interactions
- Image & Speech Processing
- Instrumentation & Measurement
- MEMS & Nanotechnology
- Neural Networks & Fuzzy Logic
- Pattern Recognition
- Power Systems Reliability
- Real-Time Embedded Systems
- RF & Microwaves
- Remote Sensing, Sensors and Devices
- E-Learning, E-Commerce, E-Business
- EMC & EMI
- Agent-Based & Internet-Based Systems
- Electromagnetics & Antennas
- Biomedical Engineering & Bioinformatics
- Communications & Wireless Systems
- Database & Data Mining
- Electrical Machines & Drives
- HV Engineering
- High-Performance Computing
- Intelligent Systems
- Microelectronics & Optoelectronics
- Mobile & Pervasive Computing
- Optical Systems & Photonics
- Power Electronics
- Robotic & Mechatronics
- Security, Privacy & Trust
- Software Engineering
- Power systems & renewable Energy
- Virtual Reality and New Media

Conference General Chair

Hussein Mouftah
University of Ottawa

Organizing Committee Chair

Ramiro Liscano
University of Ottawa

Technical Program co-chairs

Rafik Goubran
Carleton University
Voicu Groza and
Abdulmotaleb El Saddik
University of Ottawa

Local Arrangements Chair

John Grefford,
CRO Engineering Ltd.

Publication Chair

Raed Abdullah
Hydro Ottawa

Publicity Chair

Bahram Zahir Azami,
Hivva Technologies

Finance Chair

Branislav Djokic
National Research Council, Canada

Sponsorship / Exhibition Chair

Jasmin Roy
Communications Research Centre
Canada

Workshop / Tutorial Chair

George Yee
National Research Council, Canada

Student Activities

Vijay Narasimhan
University of Ottawa

Webmaster

Amir Ghavam,
University of Ottawa

IEEE Canada President

Bill Kennedy, ESBI Alberta Ltd.

Conference Advisory Chair

Witold Kinsner
University of Manitoba

Secretary & Registration Chair

Wahab Almuhtadi
Algonquin College
School of Advanced Technology
1385 Woodroffe Ave.
Ottawa, Ontario, Canada, K2G 1V8
Phone: (613) 727-4723 x 3403
Email: ccece06@iee.org

1.0 Regular Paper Submission:

Please submit a 300-word abstract of your paper to the Technical Program Committee using the on-line submission process on our web site at <http://iee.ca/ccece06> before December 4th., 2005.

2.0 Special Sessions Proposal Submission:

Proposals for special sessions must be received by December 4th., 2005. Please contact the Technical Program Co-Chair at vgroza@iee.org

3.0 Workshop and Tutorial Submission:

Workshop and tutorial proposals must be received by January 20th, 2006. Please contact the Workshop / Tutorial Chair at g.m.yee@iee.org

4.0 Student Paper Competition:

If the first author of a paper submitted to the conference is a student, that paper will be automatically considered for Student Paper Competition.

5.0 Important Dates

Paper abstracts must be received by: Sunday, December 4th, 2005

Special Session proposals must be received by: Sunday, December 4th, 2005

Tutorial / workshop proposals must be received by: Friday, January 20th, 2006

Notification of acceptance will be sent out by: Sunday, February 5th, 2006

Final papers and author registration must be received by: Friday, February 24th, 2006

6.0 Industrial Exhibits

To rent exhibit space at the conference, please contact the Sponsorship / Exhibition Chair Dr. Jasmin Roy at: jasmin.roy@crc.ca before April 7th, 2006.