

CCECE 2014 Tentative Program

Location: Ryerson Engineering Building, 245 Church Street Toronto

| Room Number | ENG 101 | ENG 102 | ENG 105 | ENG 106 | ENG LG5 | ENG LG6 | ENG LG 12 | ENG LG 13 |
|--|--|--|--|--|---|--|--|---|
| Sunday May 04 | | | | | | | | |
| Conference Registration begins | | | | | | | | |
| 9.30 AM - 9.50 AM | | | | | | | | |
| 10 AM - 1 PM (Coffee break at 11.30 AM) | T1: Phonons in semiconducting nanowires: Numerical methods, calculation of scattering rates and carrier mobility - Daryoush Shiri (Waterloo) | T2: Semantic Annotation of content - Dragon Gasevic (Athapasca), Jelena Jovanovic (Belgrade), Ebrahim Bagheri (Ryerson), John Cuzzola (Inextweb) | WS1: Workshop on Networking and Cloud Computing Test-Beds - Peng Hu, Darshika G. Perera (CMC Microsystems) | | | WS3: IEEE Canada Humanitarian Initiatives Committee Workshop | | |
| Lunch Break | | | | | | | | |
| 1 PM - 2 PM | | | | | | | | |
| 2 PM - 5 PM (Coffee break at 3.30 PM) | T4: Architectures, Models and Networks for Electric Vehicles in the Smart Grid - Hussein Mouftah and Melike Erol-Kantarci (U of Ottawa) | WS4: A short Visit to the Dark Side - Marketing Concepts for Engineers by John Desmond, VP Marketing, World Class - Telecommunications. | T5: Pulse Propagation and Distortion in Ultra Wideband (UWB) Communications - Qingsheng Zeng (Carleton) | | T7: Dynamic, Variable and Self-Adaptive Systems - Ebrahim Bagheri (Ryerson) and Mahdi Bashari (UNB) | WS3: IEEE Canada Humanitarian Initiatives Committee Workshop | | |
| 5 PM - 7 PM | Conference Registration | | | | | | | |
| 7 PM - 9 PM | Welcome Reception at ENG Building Lobby (Finger food and two free drinks per person) | | | | | | | |
| Monday May 05 | | | | | | | | |
| 8.30 AM - 9.30 AM | Key Note Speech, 'The State of Science and Technology in Canada' - Prof. Adel Sedra, Distinguished Fellow, Ryerson University | | | | | | | |
| 9.30 AM - 9.50 AM | Coffee Break | | | | | | | |
| 9.50 AM - 12 PM | SM-1: Image Processing Algorithms | CS-1: RF Techniques | CN-1: Cognitive Radio Networks | Soft-1: Software Engineering | SG-1: Renewable Energy Generation - 1 | PE-3: Power Electronic Converters & Controls | CR-1: Controls and Robotics Session -1 | |
| Lunch Break | | | | | | | | |
| 12 PM - 1 PM | | | | | | | | |
| 1 PM - 3 PM | SM-2: Speech, Audio and Language Processing | CS-5: Mixed-Signal Circuits and Systems | CN-2: Sensor Networks-1 | Soft-2 Big Data and Web Mining | SG-2: Renewable Energy Generation - 2 | PE-2: Utility Power Control & Modeling | CR-2: Controls and Robotics Session -2 | |
| Coffee Break | | | | | | | | |
| 3 PM - 3.20 PM | | | | | | | | |
| 3.20 PM - 5.20 PM | SM-3: Image Processing Applications | CS-6: Wireline Communication and Clocking | CN-3: Sensor Networks-2 | Soft-3: Innovative Computer Applications | SG-3: Power System Operation and Planning | PE-4: Alternate Energy Converters and Systems | CR-3: Controls and Robotics Session -3 | 4 PM: NSERC Workshop: News and Updates from NSERC |
| 5.45 PM - 6.45 PM | Networking and Drinks | | | | | | | |
| 6.45 PM - 9.45 PM | IEEE Canada Awards Banquet - Marriott Eaton Center - watch at http://youtu.be/ZOjKnWRWe0U http://youtu.be/9kN42ldg93w | | | | | | | |
| Tuesday May 06 | | | | | | | | |
| 8.30 AM - 9.30 AM | Key Note Speech. 'Smarter Homes Towards Better Healthcare for the Elderly' - Prof. Jamal Deen, McMaster University | | | | | | | |
| 9.30 AM - 9.50 AM | Coffee Break | | | | | | | |
| 9.50 AM - 12 PM | SM-4: Biometric and Biomedical Signal Processing | CS-4: Digital Circuits and Systems | CN-4: Modulation, Equalization and Coding | Soft-4: Cloud Computing | SG-4: Power System Communication | PE-5: Power Quality & Systems | CR-4: Controls and Robotics Session -4 | WS2: Centre for Urban Energy - ORF RE Workshop |
| McNaughton Lecture and Lunch | | | | | | | | |
| 12 PM - 1 PM | | | | | | | | |
| 1 PM - 3 PM | SM-5: Multimedia & Human Computer Interactions | CS-2: MEMS, Microwaves and Photonics | CN-5: Security, Privacy and Positioning | Soft-5: Performance & Optimization | SG-5: Power System Monitoring | BME-1: Biomedical Image Processing and Analysis | CR-5: Controls and Robotics Session -5 | CN-8: Ad-hoc and Mesh Networks |
| Coffee Break | | | | | | | | |
| 3 PM - 3.20 PM | | | | | | | | |

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| 3.20 PM - 5.20 PM | SM-6: Multimedia Signal Processing | CS-3: Devices and Digital Circuits | CN-6: Enabling Communication Technologies | Soft-6: Mobile Computing | SG-6: Distributed Automation and Energy Management | BME-2: Biomedical Signal Processing and Modeling | | CN-9: Network Virtualization, Cloud Computing and New Environments |
| 6.00 PM - 9.00 PM | IEEE Toronto Young Professionals and Women in Engineering joint networking mixer event at 3 Brewers, Yonge & Dundas. Photos https://www.facebook.com/media/set/?set=oa.10152253709839193&type=1 | | | | | | | |
| Wednesday May 07 | | | | | | | | |
| 8.30 AM - 9.30 AM | Key Note Speech - 3 -Canada's role in the Development of the First mass produced accurate Anti Aircraft Gun Laying Radar | | | | | | | |
| 9.30 AM - 9.50 AM | Coffee Break | | | | | | | |
| 9.50 AM - 12 PM | | GI-1: General Interest | CN-7: Cellular Networks | | PE-1: Magnetics, Machines & Modeling | BME-3: Health Informatics | | CN-10: Wireless Networks |
| 12 PM - 1 PM | Student Awards and Closing Ceremony | | | | | | | |