2016 IEEE International Symposium on Ethics in Engineering, Science and Technology - *IEEE Ethics 2016*

13-14 May 2016
Vancouver, British Columbia, Canada
http://sites.ieee.org/ethics-conference/
2016 Theme: Ethics & Innovation

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Preliminary Announcement and Call for Papers

Ethics and ethical conduct have become a critical issue for engineering, science and technology in the 21st Century. Engineers, scientists and technologists of all ages, from students to senior practitioners, encounter ethical challenges in their professional and personal lives. Often, an answer to such challenges arises from brainstorming sessions and intense discussions. Are ethics and morals the same? Are ethics and laws consistent? Could professional ethics in one discipline conflict with ethical conduct of another discipline? Should ethics be sacrificed for global competitiveness? Furthermore, ethical conduct has global and cultural perspectives. Could conduct viewed as unethical in one culture be acceptable in another? What is the difference between ethics and codes of conduct? Are there principles that could be considered as valid through all cultures? Could we claim that the fundamental bases of ethics are independent of our origins?

With all these questions (and many others) in mind, and following the success of the IEEE Ethics 2014 Symposium, we are delighted to announce the second **IEEE International Symposium on Ethics in Engineering, Science and Technology (IEEE Ethics 2016).**

With local support from the Association of Professional Engineers and Geoscientists of British Columbia and the W. Maurice Young Centre for Applied Ethics at the University of British Columbia, the Symposium will bring together engineers, scientists, technologists, ethicists and practitioners from different disciplines to discuss questions and concerns related to ethics in engineering, science and technology. Issues will be explored both from a scientific point of view and from a social or individual aspect, including global, multicultural perspectives.

Engineers, scientists, technologists and other professionals who have relevant experience to be shared are encouraged to participate. The Symposium will provide a platform for exchange of views in three different formats: formal presentations, panel discussions, and small group discussions. Workshops, tutorials, "Birds-of-a-Feather" provokquium panels and special invited sessions will be organized on stimulating topics.

Ethics isn't practiced in a vacuum. At this symposium, ethics will be viewed from different perspectives and put to work in different contexts,. Of particular interest is how innovation and associated change forces us to re-examine our perceptions and perspectives on ethical issues.

Prospective authors are invited to submit original, unpublished papers on their latest research results covering all aspects of Ethics in Engineering, Science and Technology We also solicit proposals for special paper sessions, panels, workshops and tutorials. Workshops and tutorials provide fundamental exposure to topics ranging from introductory through intermediate to advanced levels. They will be presented in two-to-three hour in-depth sessions at the Symposium.

We invite you to take this opportunity to share your research – theoretical, practical and case studies. Prospective authors are invited to submit original, unpublished English-language abstracts and session proposals. (PDF format is preferred for all submissions.) All presented papers will be submitted to IEEE Xplore.

Authors' and Session Proposers' Submission Guidelines and Schedule

Please see the Symposium website for detailed instructions for submitting paper and poster abstracts and proposals for special paper sessions, panel sessions, open forums, workshops, and tutorials, and for templates for the Final Paper Manuscripts.

- Submission website will open by: **Tuesday, 6 September 2015**
- Abstracts for individual papers (500 words), Posters (500 words), Special Paper Session Proposals, Panel proposals, Tutorial proposals, and Workshop proposals are due by **Sunday, 18 October 2015**
- Notification of Acceptance: **Sunday, 29 November 2015**
- Final Paper Manuscripts for the Symposium Proceedings: **Sunday, 28 February 2016**

General Co-Chair	*General Co-Chair*	*Int'l Steering Committee Chair*
David G. Michelson University of British Columbia Email: davem@ece.ubc.ca	Ljiljana Trajkovic Simon Fraser University Email: ljilja@sfu.ca	Charles Rubenstein Pratt Institute e-mail: c.rubenstein@ieee.org
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IEEE ETHICS 2016: SUGGESTED PAPER TOPICS OF INTEREST
2016 IEEE International Symposium on Ethics
in Engineering, Science and Technology -*IEEE Ethics 2016*
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Topics of interest include but are not limited to:

Ethics Fundamentals
1. Ethics and Conflicts of Interest
2. Ethics and Whistleblowing
3. Ethics and the Idea of the Public: Does the Public end at the boundary of one's nation?
4. Ethics and Ethical Responsibility
5. Ethics and Professions in Science: Can science be a profession?
6. Ethics and Biomedical Engineering: Can engineers have patients?

Ethics in Science, Technology, and Engineering Disciplines
7. Ethics and Professional Responsibility in Science, Technology and Engineering
8. Ethics and Emerging Technologies: biotechnology, nanotechnology, cognitive science, and robotics
9. Ethics and Risk Management & Risk Communication
10. Ethics and Information & Communication Technology
11. Ethics and Computing and Software Engineering
12. Ethics and Energy Systems
13. Ethics and Biometrics

Ethics, Morality, Law and Culture
14. Ethics and Law & Regulation
15. Ethics and Technology Policy
16. Ethics and a World of Diverse Cultures
17. Ethics and the Culture of Science and Engineering
18. Ethics and Professional Societies: Codes of Ethics
19. Ethics and Compliance in Corporations
20. Ethics and Intellectual Property

Ethics, Society and Environment
21. Ethics and Social Issues: gender & ethnic diversity, peace studies, social justice, humanitarian engineering
22. Ethics and Public Safety, Health, and Welfare
23. Ethics and its Practice: ethics of a community versus individual ethics
24. Ethics and Environmental Concerns
25. Ethics and Sustainable Development

Ethics and Education
26. Ethics and Accreditation/Certification
27. Ethics and Young Researchers
28. Ethics and Education for Engineers and Scientists

Commercial or promotional papers are not acceptable.

Paper and Session Formats
Individual paper presentation (5 pages: recommended) in the Symposium Record.
Special paper session with 3-4 papers on a related theme (5 pages for each paper, recommended).
Panel session on a specific topic with 3-4 panelists (no papers required while PowerPoint presentations may be included in the Symposium Record).
 "Open forum" (poster) paper (up to 5 pages). Posters will be displayed with the author(s) present for informal presentation and discussions.