IEEE Toronto Section - Executive

IEEE Toronto Section Executive Committee Biographies
The operation of the IEEE Toronto Section is managed by the Section Executive committee, whose members are elected or appointed every two years. On each of these pages, we introduce a member of the committee who volunteers his or her time and energy to deliver the services that the IEEE Toronto Section provides. On your behalf, we recognize their invaluable contributions.

Alexei Botchkarev (Alex Bot), SMIEEE - Section Chair

Dr. Alexei Botchkarev is an information and knowledge management professional, consultant and researcher. He has over 30 years of experience in project management, systems analysis, modelling and simulation, business processes analysis, information systems solutions, requirements analysis and scientific research.

Alex holds a Bachelor's degree in Electronic Engineering from the Kiev Aviation Engineering Academy, Ukraine, and Ph.D. from the aerospace R&D Institute.

Also, he has several professional certifications in project management and systems/business modelling:

- Project Management Professional (PMP) certified by Project Management Institute (PMI).
- Certified Modelling and Simulation Professional. M&SPCC NTSA/NDIA.
- Microsoft professional certification: MS Project 2007,

> Managing Projects.
- Certified Six Sigma Green Belt Professional.

Dr. Botchkarev is a Senior Information Management Advisor with the Knowledge Management Branch, Ministry of Health and Long-Term Care (Government of Ontario).

He leads projects for the design, development, implementation and ongoing maintenance of knowledge transfer standards, models, processes and tools on the enterprise content management system to ensure timely and effective access and exchange of quality and authoritative health care information within a web-based collaborative working environment between the Ministry of Health and Long-Term Care, the Local Health Integration Networks (LHINs) and with external partners/stakeholders to support evidence-based decision making and effective business planning/management.

Dr. Botchkarev has comprehensive knowledge of the Ontario government project management policies, processes and approaches in program planning and performance reporting. Knowledge of Ontario Public Service standards. He has hands-on experience developing business cases, project charters, schedules and plans according to the government methodology. Monitoring and reporting status and performance.

In the course of his career, Alex worked as an employee or consultant in multiple industries (aerospace, information technologies, advanced materials, healthcare, education and training) and in various capacities (program/project manager, product manager, marketing manager, research analyst) in Canada, US, Europe, and Asia. He has more than 15 years of successful career in the aerospace R&D and manufacturing environment with expertise in managing/coordinating R&D projects. Alex has solid background in the quantitative and qualitative research methodologies, and simulation modelling of complex processes and systems. He has experience in coordinating complex avionics integration programs in commercial aviation industry. 7 years of patent research and coordinating intellectual property issues. 5 years in the

education industry in Toronto.

Alex has authored or co-authored more than 60 publications, including chapters in three books.

His current interests are in information and knowledge management methodology, enterprise and business architecture, modelling and simulation, quantitative methods in project management and performance evaluation, Monte Carlo simulation.

Also, Alex is a Founder and Principal of the GS Research & Consulting in Toronto.

He is member of the IEEE, and the IEEE Computer Society.

Alex served as Toronto Section's Membership Development Chair in 2005, Chair of Conferences and Conventions from 2004 to March 2007, Vice Chair of the Section in 2006 to 2007. He served as an IEEE Canada Newsletter Editor in 2006 – 2007. He has been a member of the organizing committees of several IEEE conferences.

He has been Chair of the Toronto Section and a member of the IEEE Canada Board of Directors since January 2008.

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