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Prof. Genov held engineering positions at Atmel Corporation, Columbia, MD in 1995 and Xerox Corporation, Rochester, NY in 1996. He was a visiting researcher in the Laboratory of Intelligent Systems at Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland in 1998 and in the Center for Biological and Computational Learning at Massachusetts Institute of Technology, Cambridge, MA in 1999. He has been on faculty of The Edward S. Rogers Sr. Department of Electrical & Computer Engineering at the University of Toronto since 2002.

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Memberships/Awards

- Associate Editor, IEEE Transactions on Biomedical Circuits and Systems, 2006-present
- Associate Editor, IEEE Transactions on Circuits and Systems-II: Express Briefs, 2010-present
- Associate Editor, IEEE Signal Processing Letters, 2008-2010
- Senior Member of Institute of Electrical and Electronic Engineers (IEEE)
- Member of IEEE Circuits and Systems (CAS) Society
- Member of IEEE Solid-State Circuits (SSC) Society
- Member of IEEE Engineering in Medicine and Biology (EMB) Society
- Best Paper Award at IEEE Biomedical Circuits and Systems Conference (with H. Jafari), 2011
- Best Student Paper Award, IEEE International Symposium on Circuits and Systems (with A. Nilchi), 2009
- Best Sensory Systems Paper Award, IEEE International Symposium on Circuits and Systems (with A. Nilchi), 2009
- Undergraduate Teaching Award for teaching excellence, University of Toronto Students Union, 2009
- Brian L. Barge Award for excellence in microsystems integration (with H. Jafari), 2008
- DALSA Corporation Award for excellence in microsystems innovation (with A. Olyaei) 2006 and (with K. Abdelhalim) 2009
- Canadian Institutes of Health Research (CIHR)/BioContact Next Generation Award (with M. Derchansky) 2005