

Leadership

Trevor Nightingale

**Research and Development Director, National Research Council of Canada
Intelligent & Integrated Buildings Council Vice-Chair**

Trevor Nightingale is Research and Development Director of the Intelligent Building Operation research unit of NRC-Construction, the National Research Council of Canada's leading construction research and technology development agency. Since 2011, Dr. Nightingale has focused on managing and charting research directions for groups having a focus on building-energy. He led an environmental scan of industry priorities and emerging technologies with respect to building-energy from which he developed and launched, in 2012, NRC's 8-year R&D program on High Performance Buildings to support industry in the development and commercialization of new technologies for energy retro-fit of commercial and institutional buildings. He is a member of the Canadian Federal Executive Committee responsible for Building and Communities of the Program on Energy Research and Development, which includes strategic planning, program design and establishing project evaluation criteria, project evaluation/review, and funding allocation. Dr. Nightingale joined NRC in 1992 as a research officer specializing in noise and vibration control, after earning a Ph.D. in Building Engineering from Heriot-Watt University, Edinburgh. He also holds a B.Sc. in Physics (first class) from the University of British Columbia, Vancouver. He has been very active in international associations, as the Executive Secretary of the Canadian Acoustical association (1994-2001), member of the board of International Institute for Noise Control Engineers (2007-2013), and later Vice President of North American operations for this umbrella organization having 40 thousand members worldwide, and chairman of its international conference in 2009, hosting 1000 delegates from 44 countries. Dr. Nightingale is an adjunct professor, Faculty of Engineering, Carleton University, the author of more than 120 publications, and recipient of many awards, including two NRC Outstanding Achievement Awards, and the ASTM Award of Appreciation.

Bob Allan

**Intelligent Building Market Manager, The Siemon Company
Intelligent & Integrated Buildings Council Vice-Chair**

Bob Allan, LEED Green Associate, is the Intelligent Building Market Manager for The Siemon Company, headquartered in Watertown, CT. Allan supports the North American sales team to educate its current and potential customers on the ConvergeIT Intelligent Building cabling solution: a single converged, IP based structured cabling system to connect and integrate multiple building systems. Allan has over 15 years in the IT industry and worked at Honeywell Building Solutions from 2010 to 2013 helping customers optimize and integrate their buildings.

Harsha Chandrashekar

Intelligent & Integrated Buildings Council Vice-Chair

A professional, reflecting strong leadership qualifications, with 20+ years of international experience in Technology/Product company in directing multi-skilled global teams to deliver, on time, complex multi-disciplinary projects. Over the past decade, he has experienced various facets of the Technology industries from multiple roles - New Product Development, Risk & Regulatory, Technology Strategy, Smart Building, Strategic Marketing & Product Management. Always up for a challenge and for creative solutions to help solve customer problems.

Robert Lane

Principal, Robert H. Lane & Associates Inc.

Intelligent & Integrated Buildings Council Vice-Chair

Robert Lane is a consummate entrepreneur with over 40 years experience involved with senior management roles involving electrical and electronic manufacturing and product development. He has international experience in telecommunications, computers and mining activities. Past positions included VP, International at NORTEL and CEO at Commodore Business Machines. He currently serves on many board of directors and advises numerous start-up companies.