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David V. Plant
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Introduction

Photonics technologies have become pervasive and contribute to many different sectors including communications, sensing, displays, and lighting. It is in this context that Montreal welcomes the Canadian and International Photonics communities to its annual premier event: Photonics North 2014.

Researchers will share their latest results and innovations. The programming includes a collection of plenary, invited, and contributed talks as well as a commercial exhibit will allow several Canadian and foreign suppliers of photonic technology and instrumentation to showcase their products.

On behalf of the entire Program Committee, we welcome you to Photonics North.

David V. Plant

On behalf of the organizing committee for Photonics North 2014 I would like to welcome you to the “Palais des Congrès” in Montreal for the 17th annual Photonics North Conference. We have an exciting conference covering topics ranging from the fundamental interaction of photons with matter to practical sensors for a variety of useful applications.

Sessions this year include: Optical Communications; Optoelectronics and Integrated Optics; Photonics Materials; Nonlinear Optics, Nanophotonics and Quantum Optics; Photonic Sensors and Biomedical Optics; Photonic Commercialization; Photonic Theory, Design, and Simulation; Plasmonic, Hybrid Plasmonics, and Artificial Media; High Power Laser Technology, Ultrafast Optics, and Applications; and Green Photonics, Energy, and Related Technologies.

We are fortunate to have a large group of experts (including your colleagues and friends) coming together in a venue that is conducive to fostering new ideas and integrating innovative concepts across disciplines. The conference is committed to a high standard of excellence and we promise that you will agree that the bar has been raised again this year.

Enjoy Photonics North 2014!

Steve MacLean

