

WEDNESDAY MAY 18, 2011 / MERCREDI, 18 MAI 2011

Collocated activities with Photonics North and Information Photonics / Activités conjointes avec Photonics North et Information Photonics (Ottawa Convention Center / Centre des congrès d'Ottawa)		
08:00 - 11:00	CIPI registration / Inscriptions ICIP	
09:15 - 10:00	Photonics North Presentation / Présentation à Photonics North Dr John Hall, NIST - Nobel Prize in Physics 2005 « Pushing the fundamental limits in low phase noise lasers and precision physical measurement »	
10:00 - 13:00	Photonics North Exhibition floor (& Lunch) / Photonics North Salle d'expositions (& diner)	
CIPI registration and session / Inscriptions et présentations ICIP (Delta Ottawa City Centre)		
12:30 - 15:00	CIPI registration / Inscription ICIP	Foyer
13:30 - 14:45 SESSION A	Biophotonics Thrust / Axe Biophotonique Guest speaker: Michael G. Sowa, NRC Institute for Biodiagnostics	Richelieu
14:45 - 15:15	Health Break / Pause-santé	Foyer
15:15 - 17:00 SESSION B	15:15 <i>Integrated optical bio-sensors for real-time monitoring of cancer and infection in living subjects</i> , W. Whelan, G. Zheng & B. Wilson	Richelieu
	15:30 <i>Relating DNA segregation to epigenetic structure of human metaphase chromosomes at nanoscale resolution</i> , W. Khan, J.H. Knoll, P.K. Rogan, S.M. Tadayyon, P.R. Norton & R. Chisholm.	
	15:45 <i>A New Methodology for Analyte Sensing and Identification using Optical-Disk-Drives</i> , S. Schaefer & K. Chau	
	16:00 <i>Portable Hydrocarbon Sensor for Environmental Applications</i> , Y. Zhou, M.T. Taschuk, M. Gupta, D. Ha, A. Ewanchuk, M. Alostaz, A. Ulrich, D. Segó & Y.Y. Tsui	
	16:15 <i>Detection of influenza A virus in heterogeneous fluids using electrochemical impedance spectroscopy technique</i> , M. W. Hassena, V. Duplana, E. Frost & J. J. Dubowski	
	16:30 <i>Hyperspectral Plasmonics</i> , D. Lepage, A. Jiménez, D. Carrier & J. J. Dubowski	
16:45 <i>Templating Periodic Nanoplasmonics with Nitzschia Palea Diatom Silica</i> , M. P. Andrews, A. Hajiaboli, J. Hiltz, T. Gonzalez, G. Singh, R. B. Lennox, G. Fussmann & E. Low-Decarie		
17:00 - 19:00	CIPI poster session and cocktail / Session d'affiches et cocktail de l'ICIP	Panorama

THURSDAY MAY 19, 2011 / JEUDI, 19 MAI 2011

07:30 - 09:00	Registration & Breakfast / Inscription & Déjeuner	Foyer
09:00 - 09:30	Update on CIPI Network / Mise à jour sur le Réseau de l'ICIP	Richelieu
09:30 - 10:00	Business meeting CIPI / Réunion d'affaires ICIP	Richelieu
10:00 - 11:00	Poster session and Health Break / Session d'affiches et pause-santé	Panorama
11:00 - 12:30 SESSION C	11:00 <i>High Sensitivity Distributed Vibration Sensor Based on Polarization-Maintaining Configurations of Phase-OTDR</i> , Zengguang Qin, Tao Zhu, Liang Chen & Xiaoyi Bao	Richelieu
	11:15 <i>Post-fabrication tuning of Silicon microring resonators by femtosecond laser modification</i> , Zhijiang Chen, Daniel Bachman, Ashok M. Prabhu, Robert Fedosejevs, Vien Van & Ying Y. Tsui	
	11:30 <i>Development of a Resonant-Cavity-Enhanced Infrared Photodetector</i> , A. Gagnon, P. Mascher, A.P. Knights & D. Logan	
	11:45 <i>High-resolution optical frequency domain reflectometry for distributed strain and temperature discrimination using polarization maintaining fiber</i> , W. Li, X. Bao & L. Chen	
	12:00 <i>Near infrared organic/inorganic optical upconversion devices</i> , J. Chen, D. Ban, M.G. Helander, Z. Lu, A.J. Spring Thorpe, P. Poole & H. C. Liu	
	12:15 <i>Epitaxial Nd doped (GaAl_{1-x})₂O₃ films on sapphire for solid state waveguide lasers</i> , R. Kumaran, W. Li & T. Tiedje	
12:30 - 13:30	Lunch / Diner	Panorama
13:30 - 14:30 SESSION D	Information Technologies Thrust / Axe Information et Technologies Guest speaker: Maurice O'Sullivan, R & D, Ciena	Richelieu
14:30 - 15:00	Health Break / Pause-santé	Foyer
15:00 - 17:00 SESSION E	15:00 <i>Pulsed laser deposition of Si nanodots</i> , F. Chowdhury, M. Gupta, V. Sauer, S. Shan Yap, T. Worren Reenaas & Y. Y. Tsui	Richelieu
	15:15 <i>Probing collective multi-electron dynamics with high harmonic spectroscopy? The giant resonance in xenon</i> , A. D. Shiner, B. E. Schmidt, C. Trallero-Herrero, H. J. Wörner, S. Patchkovskii, J.-C. Kieffer, P. B. Corkum, F. Légaré & D. M. Villeneuve	
	15:30 <i>Join Physical and Network Layer Study of Optical Burst Switches for Next-Generation Datacenters</i> , H. Rastegarfar, Y. Ben M'Sallem, Q. Xu, S. Larochelle, A. Leon-Garcia & L. A. Rusch	
	15:45 <i>Material Thickness-Dependent Transfer Spot Resolution by Nanoscale Laser-Induced Forward Transfer</i> , V. Sametoglu, V. Sauer & Y. Y. Tsui	
	16:00 <i>Tunnelling is often used to describe multi-photon ionization of atoms and small molecules in infrared laser fields</i> , C. Smeenk, L. Arissian, F. Turner, C. Trallero, B. Zhou, A. Mysyrowicz, A. V. Sokolov, D. M. Villeneuve, A. Staudte & P. B. Corkum	
	16:15 <i>Label-free Microfluidic Cytometry</i> , D. Ha, M. Gupta, M.Z. Islam, K. Singh, J.N. McMullin, Y.Y. Tsui, X.T. Su, L. Marquez-Curtis, A. Janowska-Wieczorek & W. Rozmus	
	16:30 <i>Simultaneous Brain Oxygenation and Flow imaging using VCSELs during Ischemia</i> , O. Levi, D. Ringuette & H. Levy	
	16:45 <i>Momentum Exchange between a Light Pulse and Dispersive Slabs of Arbitrary Complex Permittivity and Permeability</i> , K. Chau & H. Lezec	
17:30 - 21:30	National Art Center / Centre national des Art Cocktail & CIPI AGM banquet / Cocktail & Banquet de l'AGA de l'ICIP	NAC / CNA

FRIDAY MAY 20, 2011 / VENDREDI, 20 MAI 2011

08:00 - 08:30	Breakfast / Déjeuner	Foyer
08:30 - 10:00 SESSION F-1	Frontier and Applied Photonics Thrust / Axe Frontière de la photonique et Photonique appliquée Guest speaker: Younès Messaddeq, CRC in Enabling Photonic Innovations for Information and Communication	Richelieu
10:00 - 10:30	Health Break / Pause-café	Foyer
10:30 - 11:30 SESSION F-2	Frontier and Applied Photonics Thrust / Axe Frontière de la photonique et Photonique appliquée	Richelieu
11:30 - 12:30 SESSION G	11:30 <i>Fusion Splicing and Mechanically Induced Long-Period Grating in ZBLAN Fibers</i> , H-Y Lu, R. Adams, M. Saad, R. Burga & L. R. Chen	Richelieu
	11:45 <i>Surface Plasmon Resonance Fiber Biosensor</i> , Y. Shevchenko, T. Francis, M. C. DeRosa, J. Albert	
	12:00 <i>Development of Optically Enhanced Interconnectivity for Computing Platforms</i> , O. Liboiron-Ladouceur, M. Sakib, A. Shourky, M. Sowaillem, R. Varano & D. Rolston	
	12:15 <i>Silicon based nanoplasmonic sensing</i> , L. Guyot, M. Maisonneuve, S. Patskovsky & M. Meunier	
End of CIPI 2011 AGM / Fin de l'AGA 2011 de l'ICIP		