

Tuesday, September 21, 2004 – Holiday Inn Hotel & Suites (111 Cooper Street, Ottawa, ON)	
17:00 – 18:00	Arrival and Registration
18:00 – 18:20	Official Opening
18:20 – 19:00	Welcoming Remarks
19:00 – 21:00	Reception and Networking
Wednesday, September 22, 2004 – NRC (1200 Montreal Rd., Bldg. M-50, Ottawa, ON)	
07:30	Bus Departs Holiday Inn Hotel & Suites for NRC Sessions
08:00 – 08:30	Registration/Continental Breakfast
08:30 – 09:30	<i>“Microphotonics: Current Challenges and Applications” – Keynote Speaker</i> Dr. Siegfried Janz, Institute for Microstructural Sciences, National Research Council Canada
09:30 – 10:30	<i>“Micro-Optical Resonators Devices, Materials and Technologies” – Keynote Speaker</i> Dr. Trevor Benson, Professor, Optoelectronics, University of Nottingham, UK
10:30 – 11:00	Coffee Break and Networking
11:00 – 12:00	<i>“Photonic Crystal Fabrication Techniques” – Keynote Speaker and Discussion</i> Dr. Richard de La Rue, Optoelectronics Research Group, Department of Electronics and Electrical Engineering, University of Glasgow, Iceland
12:00 – 13:30	Lunch and Networking <i>Afternoon sessions moderated by the Canadian Photonics Fabrication Center (CPFC), NRC</i>
13:30 – 14:00	<i>“CPFC: Micro-Fabrication Techniques at the CPFC”</i> Dr. Frank Shepherd, Group Leader, CPFC, NRC-IMS
14:00 – 15:00	<i>“Fabrication of Planar Waveguides: Techniques and Issues” – Keynote Speaker and Discussion</i> Dr. Boris Lamontagne, Associate Research Officer, NRC-IMS
15:00 – 15:30	Coffee Break and Networking
15:30 – 16:30	<i>Visits and Discussions at CPFC Laboratories – Exploring Opportunities for Research Collaborations</i>
16:30 – 17:30	Roundtable Discussion , Chair: Dr. Frank Shepherd, Group Leader, CPFC, NRC-IMS <i>Micro-fabrication and Etching Techniques for Sub-Micron Feature Definition</i>
17:45	Bus Departs NRC Sessions for Holiday Inn Hotel & Suites
Thursday, September 23, 2004 – NRC (1200 Montreal Rd., Bldg. M-50, Ottawa, ON)	
07:30	Bus Departs Holiday Inn Hotel & Suites for NRC Sessions
08:00 – 08:30	Continental Breakfast
08:30 – 09:30	<i>“Light by Light Interaction in Silicon-on-Insulator Waveguides”</i> Dr. Shlomo Ruschin, Professor, Department of Physical Electronics, Tel-Aviv University, Israel
09:30 – 10:30	<i>“Non-Linear Processes in High Index Contrast Semiconductor Waveguides” – Keynote Speaker</i> Dr. Jeff Young, Professor, Head of the Department of Physics and Astronomy, University of British Columbia, Canada
10:30 – 11:00	Coffee Break and Networking
11:00 – 12:00	<i>“Ultra-Short Pulse Propagation in Non-Linear Planar Waveguides”</i> Dr. Elena Romanova, Associate Professor, Physics Department, Saratov State University
12:00 – 13:30	Lunch and Networking <i>Afternoon sessions moderated by the University of Ottawa</i>
13:30 – 14:30	<i>“Exploring the Integrated Optics Software Landscape” – Keynote Speaker and Discussion</i> Dr. Christoph Waechter, Fraunhofer Institut fuer Angewandte Optik und Feinmechanik Jena

Thursday, September 23, 2004 (continued)	
14:30 – 15:30	<i>“Advanced Simulations of High Contrast Photonic Structures” – Keynote Speaker and Discussion</i> Dr. Jiri Ctyroky, Institute of Radio Engineering and Electronics Academy of Sciences of the Czech Republic
15:30 – 16:00	Coffee Break and Networking
16:00 – 17:30	Roundtable Discussion Chair: Prof. Trevor Hall, Director for the Centre for Research in Photonics, University of Ottawa <i>High Refractive Index and Photonic Crystal Devices</i>
17:45	Bus Departs NRC Sessions for Holiday Inn Hotel & Suites
18:30 – 21:00	Reception Hosted by the British High Commission (80 Elgin St., Ottawa, ON)
Friday, September 24, 2004 – NRC (1200 Montreal Rd., Bldg. M-50, Ottawa, ON)	
07:30	Bus Departs Holiday Inn Hotel & Suites for NRC Sessions
08:00 – 08:30	Continental Breakfast
08:30 – 09:30	<i>“Polymer Based Waveguides for Highly Parallel Optical Interconnects” – Keynote Speaker and Discussion</i> Dr. Bert Offrein, IBM, Research Division, Zurich Research Laboratory, Switzerland
09:30 – 10:30	<i>“Magnetic-Optics Devices, Materials and Technologies” – Keynote Speaker and Discussion</i> Dr. A.D. Boardman, School of Computing, Science and Engineering, Salford University, UK
10:30 – 11:00	Coffee Break and Networking
11:00 – 12:00	<i>“Cascaded Nonlinear Optical Processes in Nonlinear Photonic Crystals” – Keynote Speaker and Discussion</i> Dr. Solomon Saltiel, Department of Quantum Electronics, University of Sofia, Bulgaria
12:00 – 13:30	Lunch and Networking <i>Afternoon sessions moderated jointly by Optiwave Corporation and RSoft Design Group</i>
13:30 – 15:30	Roundtable Discussion - Chairs: Dr. Velko Tzolov, VP, Optiwave Corporation and Dr. Robert Scarmozzino, CTO, RSoft Design Group <i>Advanced Optical Software Simulation Tools</i>
15:30 – 16:00	Coffee Break and Networking
16:00 – 17:30	Poster Session, Room 115
17:45	Bus Departs NRC Sessions for Holiday Inn Hotel & Suites
Saturday, September 25, 2004 – NRC (1200 Montreal Rd., Bldg. M-50, Ottawa, ON)	
07:30	Bus Departs Holiday Inn Hotel & Suites for NRC Sessions
08:00 – 08:30	Continental Breakfast
08:30 – 09:30	<i>“Surface Plasmon Resonance Biosensors for Food Safety” – Keynote Speaker and Discussion</i> Dr. Jiri Homola, Head of Photonics Division and Chairman of the Department of Optical Sensors, Institute of Radio Engineering and Electronics, Academy of Sciences of the Czech Republic
09:30 – 10:30	<i>“Optical Biosensor Devices as Early Warning Systems for Biological and Chemical Warfare”</i> <i>Keynote Speaker and Discussion</i> Dr. Laura Lechuga, Biosensors Group Centro Nacional de Microelectronica (IMM-CNM-CSIC), Spain
10:30 – 11:00	Coffee Break and Networking
11:00 – 12:00	Roundtable Discussion - Chairs: Dr. Jiri Homola and Dr. Laura Lechuga <i>Biophotonics – A New Technology Paradigm – Health, Environment and Defence Applications</i>
12:00 – 12:10	Closing Remarks
12:10 – 13:00	Lunch and Networking
13:00	Bus Departs NRC Sessions for Holiday Inn Hotel & Suites

OTHER DETAILS

#5-8 are for participants booked at the Holiday Inn & Suites

1. Registration

- begins on Tuesday, September 21st from 17:00 to 18:00 before the Official Opening and Welcome Reception
- participation kits containing the presentation handouts for all sessions, speaker bios, delegates list, etc. will be distributed on the first day of the sessions, Wednesday, September 22

2. Receptions

- there are two receptions:
 1. Official Opening and Welcome Reception, Tuesday, September 21st
 2. Reception hosted by British High Commission, Thursday, September 23rd

3. Poster Session

- will be held on Friday, September 24th from 16:30-17:30
- if you are presenting a poster, please complete a form at the registration desks on Wednesday, September 22nd OR Thursday, September 23rd
- please be prepared to provide the following information on the form:
 - a. Title of your presentation
 - b. Name and affiliation of presenter(s)
 - c. Abstract

***NOTE: changes to the program will be posted on our website at

http://www.vitesse.ca/programs/natoarw.sp?id=153&content_type=2

Please visit our websites for any updates prior to the workshop start date

4. About Ottawa <http://www.ottawa.com/>

5. Accommodations

Holiday Inn & Suites
111 Cooper Street
Ottawa, ON K2P 2E3

6. Ottawa International Airport <http://www.ottawa-airport.ca/>

7. Ground Transportation to the Hotel from the Airport

- there is an information booth regarding ground transportation is located on Level 1 in the 'Arrivals' area
- for car rentals, limousine services or taxi services from the airport visit:

<http://www.ottawa-airport.ca/groundTransportation/carRental-e.php>

- we recommend the **Hotel Shuttle** bus:
 - departs from Level 1 outside the terminal in the 'Arrivals' area
 - **Hours of Operation:** 5:00am-12:05am
 - **First airport pick-up:** 5:35am
 - **Frequency:** every 30 minute
 - **Departs from airport:** 5 and 35 minutes after the hour

It takes about 30 minutes from the airport to the hotel The shuttle goes to other hotels other than the Holiday Inn & Suites

- **Hotel Shuttle Bus Fares (in CDN \$):**

One-way: 1 person-\$12.00, 2 people-\$20.00, 3 people-\$27.00

Return: \$20.00

Suggestion: If you are a group of 3 or 4, we suggest you take a taxi to the hotel which will cost you approximately \$25 (without gratuity). Taxis are available outside the terminal on Level 1 in the 'Arrivals' area.

- **Method of Payment:** Cash, Interac or Major Credit Card (Visa, MasterCard, American Express)
- **Other Information:**
 - a. Limited wheelchair accessibility
 - b. Shuttle times from hotel to airport: please inquire from the concierge
 - c. For more information, visit www.nationalairportshuttle.com or call (613) 260-2359

8. Bus Transportation to Sessions from the Hotel (September 22-25)

Departure time from the hotel to NRC-IMS – 7:30am

Departure time from NRC-IMS to the hotel – 17:45 (**except for on Sept. 25th it departs at 13:30)