



# TRIUMF



HIGH ENERGY ACCELERATOR RESEARCH ORGANIZATION

## KEK-TRIUMF Scientific Symposium

Monday, October 25, 2010

In the TRIUMF Auditorium

### Welcome

- 8:20-8:25 Introduction [John Hepburn, Vice-President-Research, UBC]  
8:25-8:30 Welcome from Government of British Columbia [Don Fast (BC Deputy Minister of Small Business, Technology, and Economic Development)]

### Part 1 - Overview

- 8:30-9:00 TRIUMF Research Programs: Present and Future [Nigel Lockyer]  
9:00-9:30 KEK Research Programs: Present and Future [Atsuto Suzuki]  
9:30-9:45 *Coffee Break*

### Part 2 - International Collaborations in Japan and Canada

- 9:45-10:05 T2K and future [Takashi Kobayashi (KEK)]  
10:10-10:30 ATLAS-Canada and future [Isabel. Trigger (TRIUMF)]  
10:35-10:55 ATLAS-Japan and future [Hiroyuki Iwasaki (KEK)]  
11:00-11:20 UCN in Canada with Japan [Jeff Martin (Univ. of Winnipeg)]  
11:25-11:45 MuSR [Rob Kiefl (UBC)]  
11:50-12:10 MuSR [Ryosuke Kadono (KEK)]  
12:10-13:10 *Lunch Break (Invited)*

### Part 3 - Accelerator and detector technologies

- 13:10-13:30 Physics & Detectors at SNOLAB [Nigel Smith (SNOLAB)]  
13:35-13:55 Advanced detector technologies [Yasuo Arai (KEK)]  
14:00-14:20 Accelerator development in Canada [Lia Meringa (TRIUMF)]  
14:25-14:45 Accelerator development in Japan [Seiya Yamaguchi (KEK)]  
14:35-15:00 *Coffee Break*

### Part 4 - Panel discussion [Chair: Hirotaka Sugawara (JSPS, Washington, DC, Office)]

The future of particle physics in Japan and Canada: In a global environment, how do we reconcile and make the case for global and regional laboratories? How are the expectations of government for basic science in Japan and Canada changing with regard to societal and economic impact? How does this affect the balance of science versus applied science?

- a. Chair's Remarks: Global Warming and Accelerator Science (15 min) [Hirotaka Sugawara]
- b. Panel members' initial remarks
  - Role of a Global Laboratory (5 min) [Atsuto Suzuki]
  - Importance of Regional Laboratories (5 min) [Nigel Lockyer]
  - Accelerator Applications (5 min) [Seiya Yamaguchi]
  - Accelerator Applications for Applied Research (15 min.) [Jun Sugiyama (Toyota CRDL)]
  - Lessons on Applied versus Basic Research (5 min) [Elmer Hara (University of Regina)]
  - BC Government (5min.) [Ken Armour (Executive Director, STED)]
- c. Discussion

### Part 5 – Reception at TRIUMF (16:45-17:45) (Invited)

### Part 6 – Dinner at Seasons in the Park (18:30-20:30)