

**York University CREATE Program in Vision Science & Applications
Boot Camp 2013
Lassonde Building, Room 3033**

Wednesday, July 17

8:30-9:00: Breakfast

9:00-9:10: Welcoming remarks, Hugh Wilson

9:10-10:30: **Carol Farrenkopf** (Toronto District School Board): Teaching Students with Visual Impairment-Specialized Supports in the School System

10:30-11:45: **Mariana Figueiro** (Lighting Research Center, Rensselaer Polytechnic Institute): Light is not just for Vision: An overview of the non-visual effects of light.

11:45-12:15: Lunch

12:30: Depart by bus for Philips Lighting Concept Centre.

1:30-4:30: **Joanne Emer & Tom Butters** (Philips) Lectures/demonstrations about types of light sources and their impact on visual issues such as colour rendering. One section of the program will deal specifically with light-emitting diodes (LEDs) which are playing an increasingly important role in lighting.

5:00: Return to York

Thursday, July 18

9:00-9:30: Breakfast

9:30-10:45: **Ning Zhang** (Chief Algorithm Designer, IMAX): Image Processing & Film Production at IMAX

10:45-11:15: Coffee Break

11:15-12:30: **Neil Schneider** (UOIT): Immersive Tech: The Reinvention of the Modern Video Game

12:30-1:30: Lunch

1:30-2:30: **Andrei Zaharescu** (Aimetis): Video Analytics in Aimetis Symphony

2:30-3:30: **Alex Levinshtein** (Epson Canada): From Science to Products - Applied Research at Epson Edge

3:30-4:00: Coffee Break

4:00-5:00: **Eli Peli** (Schepens Eye Research Institute, Mass. Eye & Ear, Harvard): Vision Multiplexing: a Design Principle for Low Vision Devices

5:30: Banquet at Pioneer Village

Friday, July 19

8:45-9:15: Breakfast

9:15-10:30: **Alex Shepherd** (Birkbeck College, University of London): : Headache, visual distortions and night-time driving: an increased risk with the increased use of LEDs on cars and roads?

10:30-10:45: Coffee Break

10:45-12:00: **Tiiu Poldma** (Université de Montréal & Poldma Design): Lighting solutions for buildings, with a focus on dynamics and aging.

12:00-1:00: Lunch

1:30-4:00 (tentative time): **Allyson Chrysler** (Consullux Lighting Consultants, Crossey Engineering Ltd.) & **Frederic Lacombe** (architect): Tour and discussion of lighting design in York's Life Sciences and Sherman Buildings.