

# LIGHTSAVERS CANADA

## A BRIGHTER TOMORROW!

A program of:



In collaboration with:



### **ADVANCING LED LIGHTING IN BUILDINGS Technology and Product Update for Indoor and Parking Area/Garage/Pathway Applications**

*Sponsored by the Canadian Urban Institute's LightSavers Canada,  
in collaboration with Housing Services Corporation  
Toronto Community Housing Corporation  
and the Energy Services Association of Canada.*

*This workshop offers an intensive update in LED lighting product applications such as outdoor parking area and garage luminaires; fluorescent T8, PAR lamp, and MR16 replacements; and adaptive controls. The information will be useful to those concerned with lighting in many types of commercial/institutional buildings, especially public and private residential tower housing.*

October 15, 2013  
8am – 5:15 pm

Daniels Spectrum Building  
585 Dundas Street East, Toronto, ON

#### **Draft Agenda**

- |                 |   |
|-----------------|---|
| 8:00 – 8:45 am  | Registrations and breakfast   |
| 8:45 – 9:00 am  | Welcomes and Introduction<br>Michelle Hjort, Emcee, Associate Director, LightSavers Canada<br>Philip Jessup, Director, LightSavers Canada<br>Senior Representative, Ontario Power Authority<br>Shirley Coyle, President, Cree Canada  |
| 9:00 – 9:45 am  | LED and Adaptive Control Technology Update<br>Shirley Coyle, President, Cree Canada   |
| 9:45 – 11:45 am | <b>Panel 1: LED Outdoor Case Studies</b><br>Moderator: Philip Jessup, Director, LightSavers Canada<br>Ian Joffe, Principal, Hammerschlag + Joffe, Inc., <i>Yorkdale Parking Area and Garage Case Study</i><br>Mark Goss, General Manager Operations, Exhibition Place, <i>Enhancing</i> |

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**ADVANCING LED LIGHTING**  
**in Public Housing and Private Residential Towers in Ontario**  
**Technology and Product Update for Indoor and Parking/Garage/Pathway Applications**

*Pedestrian Pathways with LEDs and Adaptive Controls*

Balraj Parmar, Senior Engineer, Electrical Facilities Systems Engineering, GTAA  
*LED Garage Retrofits at the Greater Toronto Airport Authority (tbc)*  
Philip Jeung, Director, Smart Buildings & Energy Management, Toronto  
Community Housing Corp. *LED Retrofits of Social Housing Garages*

11:45 – 1:15 pm      **Lunch and Hands-on Product Review – Indoor and Outdoor Products**

1:15 – 3:00 pm      **Panel 2: LED Indoor Case Studies**

Moderator: Jamie James, CEO, Tower Labs  
Andrew Telfer, Manager of Sustainability, and Chris Leou, Manager of Energy Efficiency Programs, Walmart Canada, *Replacement of 6,000 Fluorescent 4-foot T8s with Linear LEDs at a Walmart Store*  
Energy Manager, Sears Canada, *LED PAR Lamp Retrofits at Sears Stores Across Canada (tbc)*  
Senior Representative, CRS. Inc., *LED MR16 Replacements at Humber College and Other Buildings (tbc)*

3:00 – 3:30 pm      Coffee

3:30 – 5:00 pm      **Panel 3: Role of Performance Contracting in Financing LED Lighting Retrofits**

Moderator: Anthony DeSilva, Board Chair, Energy Services Association of Canada  
Yves Lemoine, VP Sales and Marketing, Ainsworth Inc., *Performance Contracting for Municipal Energy Efficiency Retrofit—Case Studies*  
Tim Stoate, Vice President, Impact Investing, Toronto Atmospheric Fund, *Guarenteeing Savings and Risk Management in Municipal Energy Efficiency Building (tbc)*  
Jon Erik Dillon, RealTerm, *Financing Options for Turnkey Municipal LED Streetlighting Retrofits (tbc)*  
Brian DeVecchio, Johnson Controls, *Performance Contracting—Sustainable Solutions for Municipalities (tbc)*

5:00 – 5:15      Summary and Wrap-up  
Philip Jeung and Philip Jessup

5:15      Adjournment



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