Welcome to the monthly IOS Newsletter. We hope that this will serve to keep our community informed on the events and happenings around the IOS.

**Highlights**

- [Zheng-Hong Lu publishes research on world's most efficient flexible OLED](#)
- [Michael Montgomery awarded NSERC Innovation Challenge Award](#)
- [The Next Dimension - Student Holography Exhibit](#)

**Academic/Research**

Zheng-Hong Lu publishes research on world's most efficient flexible OLED

Published in the latest issue of Nature Photonics, Prof. Lu, IOS faculty and PhD candidates, Zhibin Wang and Michael G. Helander from the Department of Materials Science and Engineering have demonstrated the first high-efficiency OLED on plastic, opening the doors to cost effective and flexible OLED devices. [Read the full paper here](#).

**Awards and Recognition**

Michael Montgomery awarded NSERC Innovation Challenge Award

Congratulations to IOS Commercialization Fellow Dr. Michael Montgomery for winning the top prize in the NSERC Innovation Challenge for his research into vibrations of high-rise buildings. Look out for more news on his company, Kinetica Dynamics, which is commercializing this research to help build taller and safer buildings. [Read More](#).

Geoffery Ozin inducted into the Royal Society of Chemistry

The Royal Society of Chemistry, the largest organization in Europe for advancing the chemical sciences fellowships honours Prof. Ozin for his outstanding contribution to chemistry. Congratulations Geoff!
Vive Nano nominated for a 2011 Agrow Award

Agrow, the world's leading information provider for the global crop protection industry, has announced that Vive Nano, an IOS graduate company, has been nominated for the Best Formulation Innovation Award. The award recognizes the most significant innovation in the formulation of agrochemical or biopesticide products: innovations that could lead to improved product efficacy, improved user safety, or reduced environmental impact. The other two nominees are DuPont Crop Protection and Huntsman Petrochemical/Fuzion Technologies. Read More

Entrepreneurship

Science Rendezvous is now a registered non-profit corporation

After four successful years of science promotion, Science Rendezvous has taken the next step in furthering its mission of creating a culture of science within Canada, by incorporating as a non-profit organization. Now incubated at the IOS, Science Rendezvous welcomes Kelsey Miller as the new Executive Director.

IOS hosts Media Mashup

A big thanks to Wendy Bryan (MEDI), Sean Stanleigh (Globe and Mail), David Parkinson (Globe and Mail), Jon Cook (Reuters), and Kim Parlee (BNN) for participating in a very informative round table discussion with our companies on how to approach and present their stories to the media and public. Your insights will be an invaluable tool in helping our entrepreneurs move their companies forward.

Student Activities

The Next Dimension - Student Holography Exhibit

Come see the largest holography collection on display in Canada! Produced by undergraduate students from the Holography for 3D Visualization course of IOS. The opening night reception is on November 8th from 5 - 7pm, and the exhibit runs until December 2nd. Read More

Events

Prof Xiang Zhang visits the IOS
Quick off the heels of our September DVS series, we are glad to have Prof. Xiang Zhang from UC Berkeley visiting the IOS in November. His talks will discuss a new class of photonic metamaterials whose properties are derived from their structure rather than chemical composition. The three lectures will take place November 2nd, 3rd, and 4th, at 2:00pm. Find the full details at http://www.optics.utoronto.ca/academic/dvs.

**Holography workshops and short courses**

Ever wanted to learn how holograms work and even make your own? Now you can with the [IOS Holography Workshop](http://www.optics.utoronto.ca/academic/dvs) (December 2nd and 9th) and [Digital Holography Short Course](http://www.optics.utoronto.ca/academic/dvs) (December 8th). To register or for more information follow the links or e-mail eistrate@optics.utoronto.ca.

**November Brown Bag Lunch: Thursdays**

Every Thursday at noon the IOS conference room hosts informal discussions with faculty and staff on a wide variety of research problems. Bring your own lunch!