Awards and Recognition

Scotch Tape induced superconductivity the most popular UofTNews story

In their year-end roundup of the top news stories of 2012, the University of Toronto News announced that the most popular article was on work done by physics professor and IOS faculty member Prof. Ken Burch on induced superconductivity. The article, **A first for physics: inducing superconductivity in a semiconductor with Scotch Tape**, reviewed Prof. Burch’s work leading an international team of scientists to induce superconductivity in a semiconductor using Scotch Tape. The tape was able to facilitate the proximity effect, whereby the superconductivity of one material can generate the same effect in an otherwise normal semiconductor. To see some of the other top UofT news stories, check out [The year in review: top 10 University of Toronto stories for 2012](#).

Techno2012 Featured in the Fall/Winter edition of UofT Magazine

The Fall/Winter edition of *UofT Magazine* features an article by Alison Motluk entitled **The Technopreneurs**, which follows three groups that participated in Techno2012. Alison follows the teams of Daniel Huynh, Wen Ma, and Jacky Mak from Lab Invasion, Chris and Michael Pettigrew from Cytospan Technologies and Xingxing Xing from Sonola Imaging through some of the key decisions and challenges that they had to face from day 1 to their final presentations. The online edition of the article also includes a great video interviewing members of each team as well as IOS Director Prof. Cynthia Goh.

Darren Anderson featured in UofT News

As an IOS alumnus and co-founder and CTO of Vive Crop Protection, Dr. Darren Anderson has first hand experience in translating a technology from the university into a marketable product. In December, UofT Staff writer Christine Elias caught up with Darren to talk about Vive, the University of Toronto, and the IOS in the article [Meet Darren Anderson of Vive Crop Protection](#).

Entrepreneurship

Pueblo Science announces March Break Summer Camp
Running from March 11 to 15th, Pueblo Science’s March break camp offers a week of fun-filled educational activities guaranteed to lift a kid’s enthusiasm for science. Intended for children in grades 4 to 6, the camp provides an opportunity to explore a variety of topics including chemistry, physics and electronics, all in an active, exciting environment. Each day consists of a morning and afternoon session dedicated to a different topic, with breaks and outdoors activities. More information on the camp and registration is available on the Pueblo Science website.

**Student Activities**

**IOS Holography Course Begins**

A highlight of the IOS’ education program, the JOP210H1 Holography for 3D Visualization course offers both arts and science students a glimpse into the world of holograms. Over the course of the semester, students from a diverse range of academic backgrounds come together to learn the physics and art behind holography and have the opportunity to spend time in our laser laboratory creating their own works of 3D art.

**Events**

**Announcing Prof. Thomas Schmidt as a Distinguished Visiting Scientist**

We are excited to announce that Prof. Thomas Schmidt for Physics of Life Processes at the Leiden Institute of Physics at Leiden University, Netherlands will be visiting the IOS as part of our Distinguished Visiting Scientist (DVS) series. While in Toronto, Prof. Schmidt will present lectures on February 11, 12, and 14th, as well as tour various labs at the University of Toronto and meet with both faculty and graduate students. Look out for more information on the lectures.

**TechnoStorm: Brainstorming solutions for Grand Challenges Canada**

The most significant problems facing the world will be solved through interdisciplinary collaboration and the IOS is fortunate to be able to bring together faculty, staff and students from a broad range of technical and academic backgrounds. With the goal of creating some exciting proposal ideas for the Grand Challenges Canada Stars in Global Health program, which aims to enable innovators to improve global health conditions, the IOS is hosting a 2 day science ‘hackathon’ and brainstorming event on January 25th and 26th. During TechnoStorm, participants will stay in the TechnoLABS space and apply their diverse knowledge and experience to create new solutions to trends in global health and submit these to the Grand Challenges program. If you are interested in learning more about this opportunity, please contact rmcaloney [at] optics.utoronto.ca