

# IT Connect

## Internet of Things (IoT)

2 pm - 9 pm on Thursday June 7, 2018

Conference hosted by: **Champlain**  
COLLEGES SAINT-LAMBERT

Sponsored by:

**catallaxy**

Raymond Chabot  
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### 1:00 pm - 2:00 pm

Registration  
Networking  
F-100

### 2:00 pm - 2:15 pm

Official Opening Ceremony  
by Odette Côté, Ph.D., Director General  
MC: Eramelinda Boquer, Broadcaster – CJAD 800/Bell Media  
F-100

### 2:15 pm - 3:15 pm

IoT Data Fabric and Use Cases  
in Manufacturing  
Keynote: Étienne Simard – Cisco Systems  
F-100

### Presentation Series 3:30 pm - 4:20 pm

### Workshops 3:30 pm - 5:20 pm

#### OT/ICS Cyber-Hacking into Industrial Organizations

by Sylvain Denoncourt  
Cisco Systems  
G-156

Manufacturing, energy, transportation and cities, more often than ever before the IoT / OT sector is being targeted by cyber-criminals. One famous cyber-incident will be covered: The 2015 and 2016 Ukraine power grid hack. We will investigate the steps and consequences of this attack and then expose the actions necessary to protect against, mitigate, and prevent similar events.

#### Smart Buildings – Integrating POE with IoT Presentation & Demo in French

by Christine Couture, Eng. – Cree  
E-199

This presentation will provide a better understanding of how the Internet of Things (IoT) and Power over Ethernet (PoE) have and will continue to change our world in increasing ways. We will look at practical applications, as well as current trends that lead to smarter buildings that enhance the user experience, provide access to "Big Data" and analytics.

#### Aruba 360 Secure Fabric

by Paul Gallant, Eng.  
Aruba  
A-136

Today, there's no shortage of technology disruptions – mobile, BYOD, virtualization, cloud, big data, and IoT have now taken hold of the enterprise and rendered a perimeter-based security approach insufficient. Learn how customers can leverage their existing security investments by seamlessly integrating Exchange sourced products with Aruba 360 Secure Fabric security solution.

#### Learn by Doing: How to Develop Products that People Will Actually Want

by Diana Horqque & Guillaume Aubé – District 3  
D-104

Learn about design thinking, an approach that is being used in different fields to find user-centered holistic solutions for complex problems while innovating collaboratively. This workshop will be beneficial to anyone interested in the development of products or services.

### Presentation Series 4:30 pm - 5:20 pm

### Workshops 3:30 pm - 5:20 pm

#### Industrial Control System and Cisco Kinetic – Demo

by Sylvain Denoncourt and Étienne Simard – Cisco Systems  
G-156

The first demonstration will cover Industrial Control System (ICS) purpose built industrial firewalling solutions targeted at OT environments. The second will cover Cisco Kinetic, an IoT distributed system of software designed specifically to extract, compute, and move data from the things that make up the IoT to the various applications where it can provide value.

#### How the Internet of Things is Transforming Business

by Tal Schierau  
Bell  
E-199

IoT has been around for many years, but it's only in the past 6 years that the internet of things began to see a significant growth in connected devices. In this session, Tal will discuss where the market is going and how Bell is helping businesses transform how they operate to allow them to remain competitive as technology becomes more prevalent in different industry verticals.

#### The Future Internet

by Stevens Célamy  
Fibrenoire  
A-136

In the last three decades, the Internet has gone through many changes. Change in the way we connect to it but more importantly the world we now connect to, has also changed. This session is tailored to give you a portrait on the changes Internet has gone through, where we are today and the vision the Internet has for us in the very near future.

#### Hands-on IoT

by Shohei Azuma  
Soracom Global  
D-103

The purpose of the workshop is to introduce the fundamentals of cloud connectivity and sensor control, and the different building blocks of an IoT solution. Though primarily targeted towards developers, the workshop will be of interest to non-developers too to understand the benefits of Soracom's services and products for building IoT solutions.

### Dinner and Networking in Cafeteria 5:25 pm - 6:25 pm

### Presentation Series 6:30 pm - 7:20 pm

#### Delivering Internet of Things at Scale by Alex Coqueiro – AWS G-156

We will use cloud services to demonstrate building a real connected product, securely connect using open protocols like MQTT, and show how developers and businesses can leverage technological innovation impacting people experience linking IoT with disruptive technologies like Artificial Intelligence using Amazon Alexa.

#### Making IoT Real by Wemba Opota – Microsoft Canada F-100 Bilingual presentation

Learn how Canadian companies across the country are implementing IoT solutions to deliver real business impact. See how you can scope, develop and build your IoT initiative to drive operational improvements and organizational change from real world examples.

### Closing Ceremony and Sponsors' Presentation in F-100 7:30 pm - 7:50 pm

MC: Sudha Krishnan, Journalist – CBC/Radio Canada

### Principles of Building Successful IoT Products 7:50 pm - 8:10 pm

Keynote: Abhay Ghatpande – Product Success Inc.

Networking activities, prize giving and closing remarks by Don Shewan, Campus Director  
8:10 pm - 9:00 pm