

## **Parallel Sessions Abstracts 1-5 Monday, 11:00 - 12:00pm**

### **Session 1. In the cloud nobody knows you're a dog**

**Location: MDCL 1105**

As cloud computing solves traditional problems of speed and scalability it introduces new challenges around identity and access management. A good, centralized, identity repository is vital for proper authentication and authorization systems to function in the distributed systems. OpenRegistry is designed to capture identity information from all corners of an institution and provide a unified presentation of that information to downstream consumers. OpenRegistry is an open source project under the JASIG project incubation program and is led by developers at Rutgers and Simon Fraser Universities.

The project leverages the experiences of the higher education IT community. This presentation will provide an overview of the project and provide details on how OpenRegistry can fit into the Identity and Access Management stack at the participants' institutions. The presentation will also discuss how institutions can get involved in OpenRegistry's design and development.

### **Session 2. Transforming Service Delivery – From Decentralized to Shared Services**

**Location: MDCL 1307**

Information Technology is critical for all aspects of the University. We need to change how IT services are delivered on campus to meet this need. The University of Manitoba went through an extensive review of its IT operations and we are now transforming how we deliver services. We are moving from decentralized local IT support to a centralized service desk. And we're standardizing through an IT procurement Centre of Excellence, Managed Printing and standardized communication and collaboration tools. We will present on the review that was conducted and the transformative projects we embarked on and their impacts to the central IST organization and the University.

### **Session 3. The New National Dream: A Vision for Digital Infrastructure in Canada**

**Location: MDCL 1305**

Canada's competitiveness in the global digital economy hinges on its success in research, innovation and education, which, across all disciplines, has become increasingly reliant on digital infrastructure. We need to enable our Canadian researchers, innovators, and educators to compete effectively with their peers in jurisdictions such as Europe, Asia and the United States, who are investing heavily in next generation digital infrastructure projects comprising high-bandwidth networks, high performance computers, repositories of data and rich digital content, middleware and related software tools to integrate the infrastructure and facilitate its use, and highly skilled technical staff to develop the hardware and software infrastructure and support its use. While we have been successful

in building elements of that infrastructure, our approach has been siloed, and our funding support has been ad hoc and fragmented. As a result Canada is falling behind other nations. To catch up we require a holistic vision for a national digital infrastructure project on a scale with past transportation and communications megaprojects that have defined this country since its inception – the new national dream.

The speakers are part of a special task force assembled by CANARIE and Compute Canada to consider the role of these two critical organizations in moving this vision forward. They will review the progress of these discussions, present a number of possible scenarios and discuss the impact on our higher education institutions.

#### **Session 4. DNS Security for Dummies, Policy Makers and Engineers**

**Location: MDCL 1110**

The Domain Name System (DNS) remains at the core of daily successful operation of the Internet. Over the past 15 years many proposals have been presented in order to make the DNS robust in terms of ensuring reliable and secure data from authoritative sources. This talk will discuss the rationale behind the need for DNS security as well as outline two solutions which are currently available: DNSSEC and DNSCurve.

#### **Session 5. UVic TSC: Standardization Through Service**

**Location: MDCL1309**

The University of Victoria implemented desktop computer standards in order to improve service, enhance support, streamline acquisition and installation processes, and reduce costs. However, we realized that establishing standards was only the first step towards realizing the desired benefits. We decided to go further and implement a Technology Solutions Centre (TSC) in order to provide institutional sales assistance to faculty and staff – a place where clients could get advice and guidance on technology purchases in the hope that they would choose a standard computer, or at least make an informed buying decision that would minimize ongoing support costs. Since its creation, the TSC has saved the university over \$200,000 and has done so without adding any additional staff members. The purpose of this presentation is to explain the what, why, and how of the UVic Technology Solutions Centre.