Present

John D'Ambrosia, Chief Ethernet Evangelist, CTO Office, Dell Inc.

and

David Law, Distinguished Engineer, HP Networking

On Friday, **March 28**, 2014 from **10:15 - 11:45am**
In **112 Chambers**
Open to the Public, Faculty, Staff, and Students!

The Ethernet of Everywhere (The Future of Networking)

Networking has transfigured the world as we know it, and the networking technology, that, arguably, had the largest impact is Ethernet. However, it is not just the underlying technology of Ethernet that has driven its success, but the very fact that Ethernet has been standardized in an open manner by the IEEE 802.3.   In today's world, the industry has grown to demand the multi-source interoperability that have come to be expected from IEEE 802.3 standards, raising the bar of expectations that products must be meeting in order to be successful.

Fresh off its 40th Anniversary, Ethernet's explosion into the world of networking to solve a myriad of problems continues, as the IEEE 802.3 Ethernet Working Group is tackling projects ranging from DC to 400 Gb/s across a number of different mediums. David Law and John D'Ambrosia, veterans of IEEE 802 and the Ethernet industry at large, will provide an overview of the standardization process, explore the current state of Ethernet, and discuss the importance of multi-vendor interoperability in helping with accelerating industry adoption.

Agenda: Introductions
Overview of IEEE / Standards Association / 802
IEEE 802.3 Ethernet Working Group
Industry Needs
Projects Overview
Emerging Applications (Internet of Things & Vehicular Networking)
Overview of the Ethernet Alliance
Q&A

&

Bio - John D'Ambrosia is the Chief Ethernet Evangelist in the CTO Office of Dell. In this capacity John has been an industry leader in the development of Ethernet-related technologies since 1999. John is currently the acting chair of the IEEE 802.3 400 Gigabit Ethernet Study Group, a member of the IEEE 802 Executive Committee, and Chairman of the Ethernet Alliance. Prior to these efforts, John served as chair of the IEEE P802.3ba Task Force, which developed the specifications for 40 Gb/s and 100 Gb/s Ethernet, and chair of the IEEE P802.3bj 100 Gb/s Backplane and Copper Cable Task Force.   He is a blogger for EE Times and China Network World, giving insights into the state of the Ethernet EcoSystem.   For his ongoing contributions to the continuing success of Ethernet, in 2013 John was honored with the Standards Medallion by the IEEE Standards Association, and was inducted into the Light Reading Hall of Fame.

Bio - David Law is a distinguished engineer for HP Networking and has worked on the specification and development of Ethernet products since 1989. In this role, Law has held a number of leadership positions as a member of the IEEE 802.3 Ethernet Working Group. He served as the vice-chair of IEEE 802.3 from 1996 to 2008 and in 2008 was elected to chair of IEEE 802.3. Law has been a member of the IEEE-SA Standards Board since 2005 and is also chair of the IEEE-SA Standards Board Patent Committee (PatCom). Law has received several awards, including the IEEE-SA Standards Medallion in 2000, IEEE-SA Standards Board Distinguished Service Award in 2009 and IEEE-SA International Award in 2012. Law holds a Bachelor of Engineering (Honours) in Electrical and Electronic Engineering from Strathclyde University in Glasgow, Scotland.