IEEE Okanagan Branch

Presents

Jack Van der Star, P.Eng. MASc

Presenting his work on

Commercializing an IP Based Wireless Product Line

Date: Wednesday, June 16, 2010
Time: 4:30 PM - 5:30 PM
Place: UBC Okanagan, Room SCI 337

Talk Abstract: As users are becoming more dependant on IP networks, they continue to ask for more bandwidth and demand that their video, audio and data applications be available anywhere they are. As users move between home, work and recreation they want their various Internet appliances to connect equally well to their common carrier, their cellular and their in-house IP networks. Not too long ago users were limited to fixed access at home or work but now with the expanded capabilities of cell phones, laptops, iPads etc., there is a growing need to access IP based applications all the time. Today's wireless networks are not capable of handling these larger bandwidth demands from users on the go and as a result new products and system architectures are required to fill the gap to accommodate this requirement and the vision of a fully mobile interactive multimedia world. Jack will provide his approach to the commercialization of IP based wireless products and network solutions that target these user needs.

Speaker Biography: Jack Van der Star is the founder of WAVETEQ Communications Inc., a company that designs and builds robust, multifunctional WiFi radios and products for Internet delivery to rural and underserved markets worldwide. Jack is a respected communications industry advisor and speaker. He is Secretary of the Innovation Okanagan Network (ION), an organization that strongly advocated for the establishment of UBC Okanagan's engineering program. He is a founding director of the Okanagan Valley Research and Innovation Centre (ORIC), an award-winning business incubator; and is a director of the Okanagan Science and Technology Council (OSTEC). In 2007, he was recognized by OSTEC as Innovator of the Year. He also holds a video-on-demand patent and participated in the development of the IEEE 802.16 (pre-WiMAX) standard.