BRITISH COLUMBIA CHAPTER

PRESENTATION BIOGRAPHIES – February 4th, 2016

Keynote - GIS In 2020: Mad Max, Beyond Geodome!

Presented by Chris North, ESRI

With over 20 years of experience in Geomatics, Mr. North is an accomplished GIS professional who brings an in-depth understanding of enterprise GIS and technology trends to his role as Directory of Technology Adoption at Esri Canada. Recently, Mr. North was principal at 43 North GIS Consulting. Prior to starting his firm, Mr. North was an executive with DMTI Spatial responsible for product strategy and customer advocacy.

Mr. North has a Master's Degree in GIS from the University of Edinburgh, Scotland, an undergraduate degree in Geography from Queen's University in Kingston, Ontario and is also a graduate of the Cartography Program from Sir Sanford Fleming College, Ontario. He is the recipient of several industry awards and continues to be involved with many industry groups. He currently holds the position of Chair, of the GIS and Cartography Advisory Board at Sir Sandford Fleming College.

CityHub: A Cloud Based Smart City Platform

Presented by Dr. Rodger Lea, Sense Tecnic Systems Inc.

Currently CEO of Internet of Things start-up, Sense Tecnic, Dr. Lea has over 25 years' experience spanning academic, large corporations and start-ups. For the last 10 years, he has started or helped start 4 new companies while managing an active research program (University of British Columbia, Canada and Lancaster University, UK) into distributed and ubiquitous computing. Prior to his start-ups, Dr. Lea spent over 15 years in industrial research, most recently as Vice President and Director of Sony's US distributed system lab, located in Silicon Valley, CA. In this capacity, Dr. Lea aided in developing advanced technologies to support Sony's broadband media strategy including research and development in areas such as future media presentation formats, media delivery and caching, digital and interactive TV, home networking and peer to peer infrastructure technologies. This research generated over 100 international patents and delivered technology into a number of major products ranging from Sony's interactive set-top boxes, to the Sony PDAs and High Definition TV systems.

A Lightweight, Geo-semantics Platform for Urban IoT
Presented by Ron Lake, Galdos Systems

Ron Lake has written and spoken extensively on spatial technologies and the Internet of Things. Ron is widely recognized as a visionary figure in the geospatial industry, with over 30 years of experience in advanced software technologies and systems.

Ron is the original creator of GML, an OGC and ISO standard, and wrote the book Geography Markup Language (GML) – Foundation for the GeoWeb. He has also made significant contributions to key XML and web services standards for interoperability.

Ron founded Galdos Systems in 1998, establishing the company as a leader in registry technology and open standards. Ron sees Registries of Things as natural partners for the Internet of Things, as he explains in his post: Registry of Things. Watch the videos to learn more about Galdos INdicio Registry for Pipeline Information and Sharing and Managing Aviation Information with Registries.

Ron holds B.A.Sc., an M.A.Sc., and M.Sc. degrees from the University of Toronto in Canada. He has also done significant academic work in Computer Architectures, and in Singularity Theory, Catastrophe Theory, Abstract Algebra, and Abstract Dynamics.

Open Data Mashups for Flood Management
Presented by Matt Osler, City of Surrey

Matthew Osler, P.Eng. is a project engineer in the drainage section at City of Surrey. He joined the Engineering Department in 2006 and currently oversees the implementation of the City's Strategic Plan for Lowland Flood Control and coordinates design and construction of various drainage projects throughout the City of Surrey.

How IoT is Improving Service and ROI for Emergency Services, Businesses, and Local Government
Presented by Aaron Koning, Safe Software Inc.

Aaron Koning is the FME Server Product Manager at Safe Software, and has been a member of Safe's Professional Services team since 2007. As manager of the FME Server support team, he oversees technical assistance for FME Server customers, and helps organizations solve data interoperability challenges across the world. Experienced in GIS and enterprise geospatial technologies, Aaron holds a Bachelor of Science degree in Geography from the University of Northern British Columbia in Canada.

Internet of Transport Things (IoT2)
Presented by Clark Lim, Acuere Consulting Inc

Clark Lim is a Professional Engineer with over two decades of experience in public, private, and academic sectors. Currently as Principal of Acuere Consulting, he advises on the complete transportation planning vertical from visioning and governance, down to modelling and monitoring. Clark utilizes an evidence-based and analytics approach to provide sound policy frameworks to support decision making, which include the development of data models, and web and mobile applications. As an Adjunct Professor at UBC's Civil Engineering Department, he teaches and researches on transportation engineering and technologies. Previous employers include the City of Coquitlam, BC MoTI, Metro Vancouver, and TransLink.

Tracking ships ... not your #1 IOT idea ... but cool nonetheless
Presented by Dave Gibbon, Boundless

Dave Gibbon heads up Boundless Spatial Inc.'s international commercial sales efforts. At Boundless for the past 2+ years, his remit includes technology partnership business development. Prior to Boundless, Dave lead strategic sales efforts at local Vancouver company Bycast (acquired by NetApp), and likes working to establish and drive growth within new organization settings, particularly productizing complex enterprise software technology solutions targeted towards engineering & scientific workflows. Dave has a BSc. in geophysics from Queen's University that's been collecting dust for some time now.

The Era of Connection - Helping you Connect Both the Digital and Physical World
Presented by Pete Southwood, AutoDesk

Peter Southwood is an InfraWorks 360 Product Sales Specialist for Autodesk Inc. He has almost 40 years invested in the CAD/GIS Industry starting in CAD management with some of the premier architectural practices in the United Kingdom.
Nearly twenty years at Autodesk mostly spent within the Technical Specialist organization specializing in GIS, Mobile and web solutions and with the last two spent in Account Management.
North American based, he remains a regular favorite of the corporate/partner roadshow circuit commanding large audiences with his fun, informal but informative style.
A proud 'New American' Pete resides in California with his wife and grown children.
In 2009 Peter received his GISP professional certification.