

**IEEE 802 LAN/MAN Standards Committee Plenary Session
 March 2010 Tutorials and Call-For-Interest Meetings
 Monday March 15, 2010**

Tutorial #1

Date: Monday March 15, 2010
Time: 6:00 – 7:30 pm
Location: GRAND SIERRA D
Title: Personal Space Communications (PSC)
Sponsored by: Bob Heile (bheile@ieee.org)

Presenter(s) Name:	Affiliation:	Email Address:
Dr. Jung Uck Seo	PicoCast Forum	juseo@picocast.org
Dr. Seung Moon Ryu	PicoCast Forum	retaw@picocast.org
Dr. Dae Young Kim	ISO/IEC JC6	dykim@cnu.kr
	KT	
	IEEE USA Fellow	

Abstract:

In the future, it is expected most users will want to continue doing whatever it is they are doing as they move their personal space location, like talking on the phone, listening to music, watching TV, surfing the web, or whatever. This tutorial addresses a WPAN communications technology that simplifies this task and enhances the user convenience and experience. Achieving seamless, extensible, ubiquitous services through Personal Space Communications (PCS) could be a killer Ubiquitous services application.

Tutorial #2

Date: Monday March 15, 2010
Time: 7:30 – 9:00 pm
Location: GRAND SIERRA D
Title: IEEE 802 Emergency Services Project
Sponsored by: Bruce Kraemer (bkraemer@marvell.com)

Presenter(s) Name:	Affiliation:	Email Address:
Stephen McCann	Research in Motion UK Ltd	smccann@rim.com
Geoff Thompson	InterDigital	thompson@ieee.org
Scott Henderson	Research in Motion	shenderson@rim.com
Bruce Kraemer	Marvell	bkraemer@marvell.com

Abstract:

Why IEEE 802 needs an Emergency Services Project and what we think it should look like.

Call For Interest #1

Date: Monday March 15, 2010

Time: 9:00-10:30 pm

Location: GRAND SIERRA D

Title: Future 802.16 Networks: Challenges and Possibilities

Sponsored by: Shilpa Talwar (shilpa.talwar@intel.com)

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Abstract:

The exponential growth in mobile traffic with introduction of broadband devices, such as smart phones and notebooks are straining the capacity of networks today. Some projections indicate 66-fold increase in mobile traffic from 2008 to 2013. Network providers face the challenge of meeting this capacity demand with relatively flat revenues per bit. Disruptive innovations in mobile broadband system design will therefore be required to deliver the projected capacity demand cost-effectively. Service providers will also need to offer new or enhanced services to deliver the growth in revenue needed to maintain profitability.

In this call for interest, we identify potential requirements for future wireless networks, and propose promising technologies to address these requirements. Example technologies high-lighted include heterogeneous multi-tier network architectures, advanced multi-antenna techniques, and network innovations for enabling services such as machine-to-machine communications. We expect this call for interest to motivate planning for evolution of 802.16.