

**IEEE 802 LAN/MAN Standards Committee Plenary Session
July 2010 Tutorials and Special Interest Meetings
Monday July 12, 2010**

Tutorial #1

Date: Monday July 12, 2010

Time: 6:00 – 7:30 pm

Location: Manchester Ballroom GHI

Title: **Coexistence in the TV White Space**

Sponsored by: Steve Shellhammer (sshellha@qualcomm.com)

Presenter(s) Name:	Affiliation:	Email Address:
Tuncer Baykas	NICT	tbaykas@ieee.org
Mika Kasslin	Nokia	mika.kasslin@nokia.com
Richard Kennedy	Research In Motion	rikennedy@rim.com
Apurva Mody	BAE Systems	apurva.mody@baesystems.com
Alex Reznik	Interdigital	Alex.Reznik@interdigital.com

Abstract:

The IEEE 802.19 Task Group 1 on Wireless Coexistence in the TV White Space currently has sent out a call for proposals for a standard which specifies radio technology independent methods for coexistence among dissimilar or independently operated TV Band Device (TVBD) networks and devices. In this tutorial we first summarize current status of standardization activities in TVWS, including an overview of 802.11af and 802.22. Afterwards we provide detailed information about the scope, system requirements and system architecture of IEEE 802.19.1. The tutorial will also include a brief overview of some mechanisms incorporated in the 802.22 PHY and MAC that may be used for coexistence.

Tutorial # 2

Date: Monday July 12, 2010

Time: 7:30-9:00 pm

Location: Manchester Ballroom GHI

Title: **Smart Grid - Information Update**

Sponsored by: Bruce Kraemer (bkraemer@marvell.com)

Presenter(s) Name:	Affiliation:	Email Address:
Bruce Kraemer	Marvell	bkraemer@ieee.org
Bob Heile	ZigBee	bheile@ieee.com
Bob Grow	Intel	bob.grow@ieee.org
Mark Klerer	Qualcomm	mklerer@qualcomm.com
Others	TBD	

Abstract:

Smart Grid activities are pervasive in many national and SDO venues around the world including IEEE (such as those within P2030 and P802). It is evident that there is a broad desire to characterize, add and select Smart Grid technology standards. Both Smart Grid standards development and regulations are evolving rapidly. Because the activities are widely dispersed among venues and geography it is difficult to comprehend what is occurring and their potential impact. The intent of this event is to provide the 802 community with useful status regarding activities and plans among active players within the Smart Grid arena (focusing on ITU, ETSI, SGIP, IEEE, and NIST).

Tutorial # 3

Date: Monday July 12, 2010

Time: 9:00 – 10:30 pm

Location: Manchester Ballroom GHI

Title: **Low Energy Critical Infrastructure Monitoring (LECIM) Application Tutorial**

Sponsored by: Dr. Robert Heile (bheile@ieee.org)

Presenter(s) Name:

Affiliation:

Email Address:

Joaquin Silva

On-Ramp Wireless

joaquin.silva@onrampwireless.com

Mike Calcagno

Sempra Energy

MCalcagno@semprautilities.com

Roberto Aiello

Independent

aiello@ieee.org

Brandy Castle

Cubic Defense Systems

Brandy.castle@cubic.com

Abstract:

This tutorial is a summary of several diverse applications relevant to Low Energy Critical Infrastructure Monitoring. It will include several individual applications as well as a summary of the presentations submitted up to this point.

PAR Process Information Session

Date: Monday July 12, 2010

Time: 6:00 – 7:30 pm

Location: Elizabeth Ballroom H

Title: **The IEEE-SA New Standards Committee (NesCom) and the PAR Submittal Process**

Sponsored by: Pat Thaler (pthaler@broadcom.com)

Presenter(s) Name:

Affiliation:

Email Address:

Lisa Yacone

IEEE

l.yacone@ieee.org

Pat Thaler

Broadcom

pthaler@broadcom.com

Abstract:

Lisa Yacone, IEEE-SA Staff, NesCom Administrator will present an overview of the IEEE-SA New Standards Committee and the steps involved in the Project Authorization Request (PAR) submittal process. Pat Thaler will review the IEEE 802 PAR and 5 Criteria process.