

Workshop Proposal for IEEE EMCS Symposium 2009

<http://www.emc2009.org/>

Title: Measurement of Modern Urban EM Environments

Format: Workshop

Chairs:

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Abstract: This workshop is intended to discuss the current state of knowledge for and measurement of urban electromagnetic environments. There will be a concentration on man-made environments. Major electromagnetic environments will be discussed as well as soliciting arenas that may not yet be assessed, but play a role in the future. The intent is to involve the audience both prior to and during the symposium. The session is soliciting ahead of the symposium data from participants on their local urban EME. The data will be presented and discussed during this session.

Potential Topics and Authors:

1. Residential environment
 - a. Authors: TBD
2. Industrial environment
 - a. Authors: TBD
3. Medical - Hospital, Doctor offices, etc
 - a. Authors: TBD
4. Transportation - aircraft, bus, ship, train
 - a. Authors: TBD
5. Public common areas - shopping malls, airport terminals, wi-fi spots (coffee shops)
 - a. Authors: TBD
6. Standardization efforts on EM environments (EM environments documented in standards: IEC, CISPR, ANSI, MIL-STD, etc.)
 - a. Authors: TBD

Primary Audience:

Urban planners, RF Safety officers, Communications (e.g. first responders, etc), Medical Safety, Commercial product developers, commercial product testers (labs), engineers involved in environment definition, equipment users near or in urban environment