IEEE Project P802.16.3

Call for Participation

The IEEE 802.16 Working Group (WG) announces a Call for Participation encouraging participation in IEEE Project P802.16.3, which is developing an IEEE Standard for *Mobile Broadband Network Performance Measurements* under the sponsorship of the IEEE 802 LAN/MAN Standards Committee.

End users of broadband mobile networks, including individuals and enterprises, lack reliable, comparable data on which to base their assessment of network performance. Mobile network-based application service providers also require end-to-end measurements in order to optimize application performance. The IEEE 802.16 Working Group on Broadband Wireless Access Standards is developing the P802.16.3 Project on *Mobile Broadband Network Performance Measurements* in order to address the requirements of users such as these, and other potential users as well.

The resulting 802.16.3 standard will specify procedures for characterizing the performance of mobile broadband networks from a user perspective. It will specify metrics and test procedures as well as communication protocols and data formats allowing a network-based server to coordinate and manage test operation and data collection. Ultimately, the standard will provide a framework for characterizing and assessing the performance of various mobile broadband networks. The Project anticipates that improved knowledge of system performance will lead the market toward more effective networks and therefore encourage the redeployment of scarce spectrum using the most efficient technologies and implementations.

The project is intended to meet the needs of a wide variety of stakeholders. The IEEE 802.16 Working Group is particularly seeking to engage technical experts from the following perspectives:

* enterprise information technology departments
* cell tower operators
* wireless carriers
* wireless ISPs
* mobile device designers and vendors
* mobile cloud-based application and content providers
* privacy and security experts
* researchers
* governmental policy makers

The project has historically been conducted only at face-to-face meetings of the IEEE 802.16 Working Group. However, in order to expand the opportunities for participation, it is moving to focus on an electronic-based process that will allow participation without travel.

For details, including the Project Authorization, the current Call for Contributions, the draft *IEEE Project 802.16.3 Architecture and Requirements for Mobile Broadband Network Performance Measurements*, group documents, and the meeting schedule, please see the project web page <<http://ieee802.org/16/mbnpm>>.

For further information, including additional information on how to participate, contact:

Roger B. Marks

Chair, IEEE 802.16 Working Group on Broadband Wireless Access Standards

Participants are expected to adhere to the IEEE-SA Patent Policy.

We invite you to share this Call for Participation with your colleagues.