

**IEEE 802 LMSC
OFFICIAL TUTORIAL REQUEST FORM**

TUTORIAL SPONSOR (WG Chair): Roger Marks, Chair, IEEE 802.16

DATE SUBMITTED: 8 February 2002

Requester Name & Email: Roger Marks <marks@nist.gov>

1. TITLE OF TUTORIAL: Upper Millimeter-Wave History, Technology, and Applications for Gigabit Communications Services

2. NAME OF PRESENTERS, THEIR AFFILIATIONS AND CONTACT INFO:

Wayne Pleasant, Telaxis Communications <wpleasant@tlxs.com>

Doug Lockie, Endwave <doug.lockie@endwave.com>

3. ABSTRACT: (a brief paragraph describing content of the presentation)

The upper millimeter-wave bands, typically 40 to 320 GHz, are quickly emerging as the bands of choice for high-speed multi-gigabit communications services. Historically significant uses of this technology have primarily been focused on government applications but, with the emergence of lower cost devices, commercial opportunities abound. This presentation will cover technology from the device to the system level, with focus on the current state of the art as well as future concepts. The data focus will be on legacy applications like SDH/PDH as well as Gigabit Ethernet and fiber channel transport. The current status of the regulatory environment will be discussed, with particular emphasis on the international harmonization of frequency bands and standards.

4. ALLOCATED DAYS AND TIMES: (Please indicate your 1st and 2nd choices below. All tutorials are scheduled on a first come first basis).

DAY/TIME:

Enter 1 or 2:

Monday 6:30-8:00 p.m. []

Monday 8:00-9:30 p.m. []

Tuesday 6:30-8:00 p.m. [1]

Tuesday 8:00-9:30 p.m. [2]

*Other: _____ (*Must be approved by 802 Executive Committee)

5. DEADLINE DATE:

All official tutorial request forms must be submitted at least 45 days prior to the start of the next IEEE 802 LMSC Plenary Meeting. Please refer to the future meetings list on the IEEE 802 Web Site at:

<http://grouper.ieee.org/groups/802/meeting/>

6. APPROVAL AND CONFIRMATION:

All official tutorial requests must sent to Dawn Slykhouse at 802info@ieee.org for final approval and confirmation with copies to Buzz Rigsbee everett.o.rigsbee@boeing.com and to Paul Nikolich p.nikolich@ieee.org. A confirmation of your request indicating time slot assigned will be sent within 10 days of your submission.