RESEARCH CENTER FOR ADVANCED SCIENCE AND TECHNOLOGY, THE UNIVERSITY OF TOKYO
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SEMINAR ANNOUNCEMENT

Dr. Drew Maywar

University of Rochester, New York, USA

"Prototype-System Testbed for Long-Haul, High-Capacity WDM Transmission"

DATE: Thursday, July 22, 2004
TIME: 4:00 pm-5:00 pm
PLACE: Seminar Room 307
3rd Floor, RCAST Building 3

Abstract

This talk will address the realization and usage of a Prototype-System Testbed designed to develop a commercial, next-generation WDM transmission system.

Biography

Drew Maywar received his PhD from The Institute of Optics at the University of Rochester in 2000. His dissertation topic was the nonlinear response and application of DFB SOAs, which brought him to Prof. Y. Nakano's group at the University of Tokyo for one year beginning the Fall of 1998.

In 2000, Dr. Maywar joined Bell Labs as a Member of Technical Staff, co-built a WDM Raman-amplified testbed, and co-developed and demonstrated the performance of Lucent's next-generation fiber-optic transmission system (LambdaXtreme).

In 2003, Dr. Maywar joined the Laboratory for Laser Energetics at the University of Rochester as a Scientist, where he is developing the power-balance and spatial-profile-diagnostic capabilities the 60-beam, 30-kJ UV laser facility, as well as the wavefront-sensing capabilities of a new petawatt laser currently under construction.

He is the co-author of over 20 journal papers on lightwave communications, optical bistability, and all-optical signal processing, a book chapter on DFB SOAs, and is currently completing a book on optics fundamentals.

Host: **Prof. Yoshiaki Nakano**, ext. 55150
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Refreshments will be provided.