



THE CHINESE UNIVERSITY OF HONG KONG
Department of Electronic Engineering

Seminar Announcement

Date : 24 August 2010 (Tuesday)
Time : 10:30am - noon
Place : Rm 222, Ho Sin Hang Engineering. Bldg, CUHK

Interconnecting with Silicon

By Dr. Mehdi Asghari, Kotura Inc, USA

Abstract

In this talk I will review the motivation, key challenges and progresses made in the field of optical interconnects for High Performance Computing and Data Centers. I will start by reviewing the driving forces for this technology and the potential benefits it can offer. I will then discuss a potential physical implementation for such a solution in Silicon and report on some of the key progress made by Kotura and its partners in this area.

About the speaker



Dr. Mehdi Asghari has over 15 years of research and product development experience within the silicon photonics and optoelectronics industry. Currently Dr. Asghari is the CTO at Kotura Inc, a California based US Company, where he is responsible for technology and product development efforts. Prior to that, Dr. Asghari served as VP of Research and Development at Bookham Inc., where he was responsible for the R&D and manufacturing transfer activities behind all of Bookham's silicon-based technologies and products. Dr. Asghari holds a Ph.D. degree in Optoelectronics from the University of Bath, a M.Sc. degree in Optoelectronics and Laser Devices from the Heriot-Watt and St.

Andrews Universities, and a MA degree in Engineering from Cambridge University. He has authored or co-authored over 100 Journal and Conference publications and holds more than 12 patents within the fields of silicon photonics and optoelectronics.

***** ALL ARE WELCOME *****

ENQUIRIES : Electronic Engineering Dept., CUHK Tel : 26098254, Prof. H.K.Tsang (hktsang@ee.cuhk.edu.hk)