



The Advanced Networks Colloquium Series

*Presented by the Center for Satellite and Hybrid Communication Networks, the
Electrical and Computer Engineering Department, and the Institute for Systems Research*

Dr. Lloyd Wood
CISCO

“CLEO - the Cisco router in Low Earth Orbit”

Date: Monday, June 6, 2005
Time: 11:00 a.m.
Location: Room AVW 2168
Hosts: Dr. Michael Hadjitheodosiou

Abstract: A Cisco Systems Internet router was integrated into the UK-DMC disaster monitoring constellation imaging satellite and launched into space in September 2003. How that integration took place and how the spaceborne router performed over a year of on-orbit testing is described.

Bio: Lloyd Wood is a space initiatives manager in Cisco Systems' Global Defense, Space and Security group, where he is responsible for Cisco's first router in orbit. Lloyd spent some years modifying IOS, Cisco's router software, and contributing to the Internet Engineering Task Force. Lloyd gained his PhD from the Centre for Communication Systems Research at the University of Surrey, where he studied internetworking and satellite constellations.

*The Center for Satellite and Hybrid Communication Networks is a
"NASA Research Partnership Center" and part of the Institute for Systems Research*
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