

Workshop

“Survivability and Security Issues in All-optical Networks”

Tuesday, May 17th, 2011

Kista, Isafjordsgatan 22 (Electrum 1), level 4, elevator B, conference room

Program

13:00 – 13:15 Welcome and information about the project, Lena Wosinska (KTH) & Robert Forchheimer (LiU)

13:15 – 15:15 Invited talks

13:15 – 13:45 “An Attack-Aware Planning Framework for Transparent Optical Networks”, Nina Skorin-Kapov, University of Zagreb, Croatia

13:45 – 14:15 “Flexible Sharing of Backup Capacity Among IP and Wavelength Services in Optical Backbone Networks”, Massimo Tornatore, Politecnico di Milano, Italy

14:15 – 14:45 “Investigation of Hyper-heuristics for Designing Survivable Virtual Topologies in Optical WDM Networks”, Aysegul Gencata, Istanbul Technical University, Turkey

14:45 – 15:15 “On-line analysis of statistical errors during simulation”, Krys Pawlikowski, University of Canterbury, New Zealand

15:15 – 15:40 Coffee break

15:40 – 17:20 Project presentations

15:40 – 16:00 “Heuristics for Routing Robustness in DTM network”, Jian Liu and Björn Faller, NetInsight

16:00 – 16:20 “Sparse Power Equalization Placement for Limiting Jamming Attack Propagation in Transparent Optical Networks”, Amornrat Jirattigalachote, KTH

16:20 – 16:40 “A new transmission paradigm in optical networks: evolution from fixed grid to gridless”, Cicek Cavdar, KTH

16:40 – 17:00 “Setup delay tolerance in WDM networks with differentiated services”, Ajmal Muhammad, LiU

17:00 – 17:20 “Green Lightpath Provisioning in Resilient WDM Networks”, Paolo Monti, KTH

17:20 – 18:00 Discussion & Conclusions