First Symposium on
Microwaves and Photonics in Access Networks (MICPAN’07)
http://www.micpan.org

August 21, 2007, 01:30 – 4:50pm

In conjunction with Access Networks 2007
Ottawa, Ontario Canada

Chair: Xavier Fernando
Ryerson University, Canada

Publicity Chair: Fasih Masood

1:30 - 2:10 PM  Keynote Speech: Broadband Access Network Architectures
Dr. Alex Vukovic, SMIEEE (http://www.site.uottawa.ca/~vukovic/)
Research Scientist, Communications Research Centre (CRC), Canada
Adjunct Professor, University of Ottawa, Canada

2:10 - 2:30 PM  ‘Enhancement of WiMAX Downlink Data Rate Using SDMA’
Nadem H. Dawod and Roshdy H. M. Hafez, Carleton University, Canada

2:30 - 2:50 PM  ‘OFDM Impairment Mitigation Techniques’
Bharath Umashankar and Xavier Fernando, Ryerson University, Canada

2:50 - 3:10 PM  ‘Converged Access Networking with Application of Radio over Fiber Technology’
Marian Marciniak, National Institute of Telecommunications, Poland

3:10 – 3:30 PM  Break

3:30 – 3:50 PM  ‘Photonic Microwave Bandpass Filters’
Jianping Yao, University of Ottawa, Canada

3:50 - 4:10 PM  ‘Ubiquitous Broadband Access: A Low Cost Satellite Solution’
Ali Grami, University of Ontario Institute of Technology, Canada

4:10 - 4:30 PM  ‘Existing-lightpath-aware Zone-based Approach for Efficient and Scalable Dynamic Traffic Grooming in Large Optical WDM Mesh Networks’
Tho Le-Ngoc, McGill University, Canada

4:30 - 4:50 PM  ‘Analysis of OFDM signals through Optical fiber for Radio over Fiber Transmission’
B. Dhivagar, Ganesh Madhan, Anna University, India and X. Fernando,
Ryerson University, Canada