

**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

