

WORKSHOP PROGRAM II

2007 International Workshop on Microwaves and Photonics in Access Networks (MICPAN)
Ottawa, Ontario, Canada

Workshop Date: Tuesday, August 21, 2007 01:30 p.m. – 4:50 p.m.

01:30 p.m. - 02:10 p.m.

Keynote Speech: Broadband Access Network Architectures

Dr. Alex Vukovic, SMIEEE

Research Scientist, Communications Research Centre (CRC), Canada

Adjunct Professor, University of Ottawa, Canada

02:10 p.m. - 02:30 p.m.

1. Enhancement of WiMAX Downlink Data Rate Using SDMA (Invited Paper)

Nadem H. Dawod and Roshdy H. M. Hafez, Carleton University, Canada

02:30 p.m. - 02:50 p.m.

2. OFDM Impairment Mitigation Techniques (Invited Paper)

Bharath Umashankar and Xavier Fernando, Ryerson University, Canada

02:50 p.m. - 03:10 p.m.

3. Converged Access Networking with Application of Radio over Fiber Technology

Marian Marciniak, National Institute of Telecommunications, Poland

Break

03:30 p.m. - 03:50 p.m.

4. Photonic Microwave Bandpass Filters (Invited Paper)

Jianping Yao, University of Ottawa, Canada

03:50 p.m. - 04:10 p.m.

5. Ubiquitous Broadband Access: A Low Cost Satellite Solution

Ali Grami, University of Ontario Institute of Technology, Canada

04:10 p.m. - 04:30 p.m.

6. Existing-lightpath-aware Zone-based Approach for Efficient and Scalable Dynamic Traffic Grooming in Large Optical WDM Mesh Networks (Invited paper)

Quang-Dung Ho, Tho Le-Ngoc, Man-Seop Lee, McGill University, Montreal, Canada

04:30 p.m. - 04:50 p.m.

7. Analysis of OFDM signals through optical fiber for Radio over fiber Transmission

B. Dhivagar and Ganesh Madhan, Anna University, India