



ICTON2010



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ICTON 2010

Call for Papers

3rd Special Session on Market in Telecommunications MARS

12th International Conference on Transparent Optical Networks

1th July 2010 – Munich, Germany

<http://www.itl.waw.pl/icton>

Technically (co-)sponsored by the IEEE

Scope of the session: Broadband telecommunications are no more a dream but part of the daily life of millions of end users. The revolution induced by the introduction of fiber optic, and with the parallel investments and goals obtained in the field of wireless technologies both radio and optical, triggered a tremendous increase in the research area and the subsequent development and implementation of today's broadband architectures. A market view is fundamental for the actors involved in the TLC scenario in order to be active part on the frontier. The MARS session aims to create a direct connection between the Research&Applications and business communities in the field of broadband communications. Topics of relevance include but are not limited to:

- Market Analysis
- Cost efficiency analysis
- Capital Expenditures
- Operational Expenditures
- Next Generation Networks
- All Optical Technologies
- Broadband technologies
- Wireless Technologies
- Low cost low power consumption devices
- Deployment costs

MARS Technical Program Committee:

Chair: Giorgio M. Tosi Beleffi – Ministry of Economic Development, Communication Department (Italy)

Co Chair: Antonio L. J. Teixeira – Instituto de Telecomunicacoes de Aveiro - IT (Portugal)

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 Paulo Monteiro, Nokia-Siemens (Portugal)

 Leo Spiekman, Alphion Corp. (USA)

 Naoya Wada, National Institute of Communication and Information Tech - NICT (Japan)

Paper submission: according to ICTON submission rules at <http://www.itl.waw.pl/icton> (4 pages in electronic form, MS Word accompanied by a PDF version), please write MARS in the subject line when submitting your contribution. All accepted MARS papers will be included in ICTON 2010 Proceedings (IEEE publication).

Important dates: Submission deadline: March 31, 2010
Notification of acceptance: May 5, 2010
Post-deadline papers with very recent results are requested by June 2, 2010

MARS SESSIONS ICTON 2010 Munich Germany

MARS I

Chair: Giorgio M. Tosi Beleffi

Mo.C4.1

14:00

A techno-economic case-study for an FTTH network deployment

I. Tomkos

Mo.C4.2

14:20

General framework for technoeconomic analysis of next generation access networks

M. Kantor, K. Wajda, B. Lannoo, K. Casier, S. Verbrugge, M. Pickavet, L. Wosinska, J. Chen, A. Mitcsenkov

Mo.C4.3

14:40

Techno-economic feasibility study of different WDM/TDM PON architectures

B. Lannoo, G. Das, M. De Groote, D. Colle, M. Pickavet, P. Demeester

Mo.C4.4

15:00

Network applications and economic considerations for fully flexible multiway ROADM / optical cross-connect architectures

R. Dorward

Mo.C4.5

15:20

Dimensioning optical networks: A practical approach

A.N. Pinto, C. Pavan, R.M. Morais

MARS II

Chair: Mirosław Kantor

Mo.D4.1

16:10

Optimization framework for supporting 40 Gb/s and 100 Gb/s services over optical transport networks

J. Pedro, J. Santos, P. Monteiro, J. Pires

Mo.D4.2

16:30

Dimensioning of optical networks under unconstrained blocking probabilities

H. Waldman, R. Bortoletto, G.S. Pavani

Mo.D4.3

16:50

Utilization of fiber to the home as a Blue Ocean Strategy to gain competitive advantage

M. Zuhdi, E.T. Pereira, A. Teixeira

Mo.D4.4

17:10

Benefits of fine QoT-estimator to dimension spare resources in automatic restorable networks

A. Morea, J-C. Antona