

Sekcija «Elektronika un telekomunikācijas»

Section «Electronics and telecommunications»

12. 10. 2007.

Sekcijas zinātniskā komisija:

Section's scientific committee:

G. Balodis, Dr.sc.eng., RTU, Latvia, Chair
T. Celmins, Dr.sc.eng., RTU, Latvia
D. Eidukas, Dr.h.sc.eng., KTU, Lithuania
A. Gulbis, Dr. Phys., RTU, Latvia
J. Jankovskis, Dr.h.sc.eng., RTU, Latvia
G. Ivanovs, Dr.sc.eng., RTU, Latvia
A. Kapenieks, Dr.phys., RTU, Latvia
A. Kluga, Dr.sc.eng., RTU, Latvia
G. Lauks, Dr.sc.eng., RTU, Latvia
M. Min, Ph.D, TTU, Estonia
P. Misans, Dr.sc.eng., RTU, Latvia
L. Olsson, Prof., Lund University, Sweden
T. Rang, Prof., TTU, Estonia
I. Slaidins, Dr.sc.eng., RTU, Latvia
V. Strauss, Dr.h.sc.eng., LU Agency PMI, Latvia
M. Zeltins, Dr.sc.eng., RTU, Latvia
M. Treijere, RTU, Latvia, Secretary

Datums / Date: 12. 10. 2007.

Vieta / Location: RTU ETF ēkā,

Āzenes ielā 12.

Sekcijas vadītājs / Section's head:

prof. J. Jankovskis

9.00 - 10.20

Reģistrācija, kafija, stenda referātu uzstādīšana

Registration, exhibition of posters

10.30 - 12.05

Atklāšana. Īsas prezentācijas (5 min. katrai pēc pievienotās programmas)

Opening. Short presentations (5 min for each according to programme given below)

12.30 - 13.30

Diskusijas pie stenda referātiem

Discussions at posters

13.30 - 14.30

Pusdienas

Lunch

10:30 – 13:30

10.30 - 10.35 G. Balodis (RTU)

Konferences atklāšana

Opening of Conference

10.35 - 10.40 Amalu Chuma Godwin

Intelligent System: Future Public Land Mobile Telecommunication System (FPLMTS)

10.40 - 10.45 Walter Ugochukwu Nwosu

Nonlinear optical losses in telecommunication fibers

10.45 - 10.50 O. Stasjuks, E. Petersons (RTU)

Experimental estimation of throughput of wireless networks 802.11g

10.50 - 10.55 V. Yeryomins, E. Petersons (RTU)

Server Non-stationary Behaviour Research in a Wireless Network under the Condition of Self-similar Traffic.

- 10.55 - 11.00 A. Asars, M. Kulikovs, E. Petersons (RTU)**
Modeling of Measurement Based Admission Control Algorithm Using OPNET
- 11.00 - 11.05 A.Kluga, M.Kulikovs, V.Semjonova, A Zelenkovs (RTU)**
GPS user devices parameters control methods
- 11.05 - 11.10 S. Sharkovsky (RTU)**
The influence of the effect of quantization of digital regular filters coefficients on time and frequency characteristics
- 11.10 - 11.15 J. Jelinskis (RTU)**
Heuristic algorithm for optimal LSP set up policy in MPLS Networks
- 11.15 - 11.20 V. Bobrovs , G.Ivanovs (RTU)**
Investigation of advanced modulation formats for 40 Gbit/s optical communication systems
- 11.20 - 11.25 A.Romanov, I.Briedis, S. Polukoshko, G.Briedis**
Modernization of Spectrophotometer's electronic – measurement part based on „National instruments” Products
- 11.25 - 11.30 M. Ekmanis**
Unwanted traffic identification problems
- 11.30 - 11.35 R. Parts**
Expected transmission speed of DSL systems over the existing cable plant
- 11.35 - 11.40 I. Klevecka, J. Lelis**
Application of extrapolation methods to the technology diffusion forecasting
- 11.40 - 11.45 P. Misans (RTU)**
Introduction into the Haar Like Transforms Based on Rotation Angles
- 11.45 - 11.50 M.Terauds, G. Valters, U. Derums, N. Vasiljevskis, P. Misans**
Comparison of Errors for the Different Versions of FPGA Based CRAINOT Basis Function Generator
- 11.50 - 11.55 T. Solovjova, J. Semenjako, D. Purishev (RTU)**
The representation of plane wave propagation through multilayer structure in terms of internal reflection and transmission coefficients for normal incidence
- 11.55 - 12.00 D. Stepins (RTU),**
Search of Optimal Figures of Merit for Planar Spiral Inductors
- 12.00 -12.05 B. Zuga, I. Slaidins (RTU)**
Virtual Collaboration in Wireless Networks