IEEE 11th Symposium on Communications and Vehicular Technology in the Benelux

FINAL SYMPOSIUM PROGRAM SCVT 2004

November 7, 2004

09.15 - 09.45 : Registration
09.45 - 10.00 : Welcome address by H. Steendam
10.00 - 11.20 : Oral session 1

1. "Full Diversity Linear Precoding with Low Complexity Turbo Equalization" by Jérôme Le Masson et Al., ENST Bretagne, France
2. "Assessing the performance of turbo-equalized bit-interleaved turbo-coded modulation" by Antoine Dejonghe et Al., UCL, Belgium
4. "Analysis of an ML data-aided phase ambiguity resolution algorithm for M-PSK" by Henk Wymeersch et Al., UGent, Belgium

11.20 - 11.40 : Coffee break
11.40 - 12.40 : Keynote presentation by Prof. D. Simplot-Ryl, LIFL, France
12.40 - 14.00 : Lunch
14.00 - 15.30 : Poster session
15.30 - 16.50 : Oral session 2

1. "Application of Error Correction Coding in Ultra-wideband Impulse Radio (UWB-IR) on a Multipath Fading Channel" by Michal M. Pietrzyk et Al. TUDelft, The Netherlands
2. "Quality and Performance Research on a MPEG Video Transcoding Technique" by Philippe De Neve et Al., UGent, Belgium

16.50 - 17.20 : Awards and closure
Poster Session

1. "Spatial dispersion and performance evaluation of indoor MIMO channels at 2.25 GHz" by Haibing Yang et al., TU Eindhoven, The Netherlands

2. "Investigation of Circulant Matrices for Reversible LDPC Codes" by Anchalee Puengnim, Chiang Mai University, Thailand

3. "Wideband patch antenna array for multi-band UWB" by Magnus Karlsson et al., Linkoping University, Sweden

4. "Novel wireless modulation technique based on noise" by Jaap C. Haartsen et al., University of Twente, The Netherlands

5. "Downlink Performance of Chip-unaligned Systems with Low Total Squared Asynchronous Correlation" by Frederik Vanhaverbeke, UGent, Belgium

6. "Orthogonal Multicarrier CDMA with Iterative Decision-Feedback Equalization" by Serdar Sezginer et al., SUPELEC, France

7. "An Interpretation of Channel Overloading and Construction of Some Novel Schemes" by Florence Nadal et al., SUPELEC, France

8. "New Robust GPS Signal Acquisition Technique Using Lifting Wavelet Transform" by Djamel Djebouri, Space Instrumentation Laboratory, Algeria

9. "60 GHz indoor radio propagation -comparison of simulation and measurement results" by P.F.M. Smulders et al., TU Eindhoven, The Netherlands

10. "Initial W-CDMA Code Acquisition Based on the Rayleigh-ness test" by F. Benedetto et al., University of ROMA TRE, Italy

11. "Performing xDSL for QoS Requirements" by F. Benedetto et al., University of ROMA TRE, Italy

12. "Comparison of Proactive and Reactive Resource and Service Discovery in Mobile Ad Hoc Networks" by Jeroen Hoebeke et al., UGent, Belgium

13. "Throughput of a MIMO OFDM based WLAN system" by Tim Schenk et al., TU Eindhoven, The Netherlands

14. "Influence of polarization mode dispersion on RF signals generated by heterodyning two optical waves" by Ralph Maassen et al., University of Twente, The Netherlands

15. "Joint Space-Time Alamouti Synchronous W-CDMA LMMSE equalization" by Domenico Giustiniano et al., Universita degli Studi di Palermo, Italy

16. "Modeling of a Radio System Using Active Backscattering and Circular Polarization Modulation" by Gael Denidder et al., ULB, Belgium

17. "Design of a New NS-2 extension for realistic in-building wireless simulations" by Jean-Michel Dricot et al., ULB, Belgium
18. "Effect of 3D antenna parameters on MIMO systems with experimental validation in a reverberating chamber" by Olivier Delangre et Al., ULB, Belgium


20. "Symbol-Differential Autocorrelation Receiver for IR UWB system" by Marco Pausini et Al., TUDelft, The Netherlands

21. "Cost Effective Design of Aggregation Networks for Fast Moving Vehicles" by Frederic Van Quickenborne et Al., UGent, Belgium

22. "On the performance of a multi-user coded OFDM system" by Adrien Renoult, ENSEA, France

23. "An Optimal Bidirectional Survivor Processing for Sequence Detection in Time Varying Channel" by Mohammad N Patwary et Al., University of New South Wales, Australia

24. "Space-Time Coding with Orthogonal Designs over Frequency-Selective Fading Channels" by Seyed Alireza Razavi, University of Birjand, Iran

25. "Networking and Propagation Issues in Body Area Networks" by B. Latré et Al., UGent, Belgium