

Thursday, 25 March 2010

8h15	<i>Registration &amp; coffee</i>	
9h00	<i>Welcome (Groot Auditorium)</i>	
9h15	<i>Keynote Speech</i> <b>ICT in the 2010 Decade</b> <i>Malheiro, Benedita</i>	
10h00	<b>A Proposal for Media Component Brokerage</b> <i>Malheiro, Benedita; Foss, Jerry</i>	
10h15	<b>DiaHDL: A Web-Based VHDL Code Generator</b> <i>Christyowidiasmoro; Schumann, Thomas</i>	
10h30	<i>Coffee</i>	parallel session (E033)
11h00	<b>Design of a loop antenna for a RFID system installed in a metallic locker</b> <i>Volski, Vladimir; Vandenbosch, Guy A. E.</i>	<b>Development of Communication Architecture for the Multi Agent Robotic System SMART</b> <i>García, Cecilia E.; De Clercq, Stijn; Saltaren, Roque; Aracil, Rafael; Verschelde, Werner</i>
11h15	<b>An application of the GO and UTD method in the analysis of EM scattering by simple conductive objects</b> <i>Bieda, Bartosz; Słobodzian, Piotr</i>	<b>Test-Driven Development of Embedded Software</b> <i>Boydens, Jeroen; Cordemans, Piet</i>
11h30	<b>Optimal design of an RFID loop antenna in non-optimal conditions</b> <i>D'hoë, Kevin; Stevens, Nobby; Goemaere, Jean-Pierre; De Strycker, Lieven; Nauwelaers, Bart;</i>	<b>A Student-Oriented University Ontology</b> <i>Vorstermans, Annemie; Tanuška, Pavol; Verschelde, Werner;Kebisek, Michal</i>
11h45	<b>Analysis of Linear Phased Antenna Arrays for the use in Wireless Sensor Networks</b> <i>Van Nieuwenhuyse, Anneleen; De Strycker, Lieven; Goemaere, Jean-Pierre; Nauwelaers, Bart</i>	<b>Agent-based communication process for optimizing the goods distribution in cities</b> <i>Boussier, Jean-Marie; Cucu T.; L. Ion, Breuil, D.</i>
12h00	<b>A Method of Moments Approach for the Efficient and Accurate Modeling of a Finite-Length Thin-Wire Antennas</b> <i>Bieda, Bartosz; Słobodzian, Piotr</i>	<b>New Block-Backtracking Interleaver optimised for UMTS</b> <i>Lazar, Georgian Alexandru; Buzatu, Nicoleta Roxana; Cojocariu, Elena; Trifina, Lucian</i>
12h15	<b>Guided Self-Study Approach for Advanced Topics in Automation, Control and Electrical Engineering</b> <i>Deconinck, Geert; Nobels, Tiene; Van Dessel, Michel; Saey, Philippe; Knockaert, Jos; Van Ham, Geert; Claesen, Eric</i>	<b>Increasing the performance of the block-backtracking interleaver family</b> <i>Lazar, Georgian Alexandru; Buzatu, Nicoleta Roxana; Cojocariu, Elena; Trifina, Lucian</i>
12h30	<i>Lunch</i>	

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*Groot auditorium*

14h00	<i>Keynote Speech</i> <b>A Review of Improved Nyquist Filters</b> <i>Alexandru, Nicolae Dumitru</i>	
14h45	<b>Learning and Knowledge Modes Addressing New Working Environments</b> <i>Ileana Hamburg</i>	
15h00	<b>ICT project assignment by multi-disciplinary master student teams</b> <i>Schreurs, Dominique</i>	
15h15	<b>LabVIEW based Development of Remote Laboratory Sessions</b> <i>Vandecasteele, Iris; De Craemer, Renaat; Peuteman, Joan; Poelaert, Jan; Priem, Freddy</i>	
15h30	<i>Coffee</i>	<i>parallel session (E033)</i>
16h00	<b>Comparative study of Model-based hardware design Tools</b> <i>Van Beeck, Kristof; Heylen, Filip; Meel, Jan; Goedemé, Toon</i>	<b>New algorithm for signal detection in time based distance measurement methods</b> <i>Piotrowski, Piotr; Zieliński, Ryszard; Kowal, Michał; Kubal, Sławomir</i>
16h15	<b>The Command of User Processes with Digital and Analogue Signals Received through SMS Messages</b> <i>Duma, Petruț</i>	<b>Multipath Propagation Effects on Indoor Localization Accuracy of Mobile Phones</b> <i>Renner, Jens; Zöllner, Hannes; Böhnke, Till; Voss, Burkart</i>
16h30	<b>Realizing high speed LVDS connections in an air-coupled ultrasonic multi channel quality control system</b> <i>Verslype, Sammy; Blomme, Erik; Cool, Tijn; De Craemer, Renaat; Loret, Franky; Peuteman, Joan; Vandebussche, Jean-Jacques</i>	<b>WSN Localisation with the Senseless Framework</b> <i>De Cauwer, Peter; Van Overtveldt, Tim; Doggen, Jeroen; Van der Schueren, Filip; Weyn, Maarten; Bracke, Jerry</i>
16h45	<b>A Thorough Analysis of Spectral Properties of mB11 Codes</b> <i>Alexandru, Nicolae Dumitru</i>	<b>A comparison of IEEE 802.11a and IEEE 802.11b/g for Wi-Fi based localisation</b> <i>Vermeiren, Dries; Weyn, Maarten</i>
17h00	<b>Improved Nyquist Filters characteristics obtained using interpolation techniques</b> <i>Onofrei, Alexandra Ligia; Alexandru, Nicolae Dumitru; Balan, Doru Gabriel; Chiuchisan, Iuliana</i>	<b>Evaluating GPS Data in Indoor Environments</b> <i>Motte, Henk; Wyffels, Jeroen; Craeynest, Maarten; De Strycker, Lieven; Goemaere, Jean-Pierre</i>
17h15	<b>A New Selection Algorithm of Generating Polynomials for Asymmetric Turbo Codes</b> <i>Cojocariu, Elena; Tarniceriu, Daniela; Trifina, Lucian; Lazar, Georgian Alexandru</i>	<b>Analysis of Location Tracking and Speed Measurements for moving Objects by using Radio Frequency Identification Systems</b> <i>Coca, Eugen; Dimian, Mihai; Buta, Georgiana; Manu, Octavian; Popa, Valentin</i>
17h30		<b>A Novel SDM-based On-chip Communication Mechanism</b> <i>Sahhaf, Sahel; Modarressi, Mehdi; Sarbazi-Azad, Hamid</i>

19h00	<i>Conference Dinner (Het Pand)</i>
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Friday, 26 March 2010

*Groot auditorium*

8h30	<i>Coffee</i>
9h00	<i>Keynote Speech</i> <b>QoS Challenges in Modern Communication Networks</b> <i>Potorac, Alin; Graur Adrian; Popa Valentin</i>
9h45	<b>A comparison of mechanisms for controlled delegation of electronic tickets</b> <i>Naessens, Vincent; Lapon, Jorn; Verdegem, Bram; De Decker, Bart</i>
10h00	<b>The difference between a Software and a Hardware implementation of AES in a ZigBee Network</b> <i>Dufraimont, Bert; Ottoy, Geoffrey; Hamelinckx, Tom; De Strycker, Lieven; Goemaere, Jean-Pierre</i>
10h15	<b>Modified Data Encryption Standard Defined on Galois Fields</b> <i>Scripcariu, Luminita; Frunza, Mircea Daniel</i>
10h30	<i>Coffee</i>
11h00	<b>Contextual analysis of high resolution ECGs - a challenge for database technique, digital signal processing and data mining</b> <i>Krause, Bernd; Romberg, Dietrich</i>
11h15	<b>Time-frequency feature generation from regular heartbeats for a high resolution ECG data mining task</b> <i>Götze, Maik; Wolff, Christian</i>
11h30	<b>Accelerometers used for the detection of nocturnal frontal lobe seizures in pediatric patients</b> <i>Decaigny, Ann-Sofie; Cuppens, Kris; Lagae, Lieven; Ceulemans, Berten; Van Huffel, Sabine; Vanrumste, Bart</i>
11h45	<b>A biologically realistic Spice based spiking neuron model</b> <i>Tigaeru, Liviu</i>
12h00	<b>Nonparametric Comparison of Densities Based on Statistical Bootstrap</b> <i>De Brabanter, K.; Sahhaf, S.; Karsmakers, P.; De Brabanter, J.; Suykens, J.A.K.; De Moor, B.</i>
12h15	<b>Wireless Urine Detection System</b> <i>Wyffels, Jeroen; De Strycker, Lieven; Goemaere, Jean-Pierre; Van De Veire, Stijn; Stevens, Nobby</i>
12h30	<i>Lunch</i>

Friday, 26 March 2010

Symposium Wireless Security

*Groot auditorium*

14h00	<b>Key learnings from the LSEC Mobile Security Conference and why Mobile Security still is a top 10 Security Threat in 2010. Some suggestions for further research from the Industry.</b> <i>Ulrich Seldeslachts - LSEC</i>
14h25	<b>WiSCy : Secure Wireless applications with Resource-Limited Nodes</b> <i>Tom Hamelinckx - DraMCo, KaHoSL</i>
14h50	<b>Stres : Secure Techniques for Remote configuration on Embedded Systems</b> <i>Nele Mentens - KHLim</i>
15h15	<b>eIDea : Developing Secure Applications with the Belgian eID</b> <i>Jorn Lapon - MSEC, KaHoSL</i>
15h30	<i>Coffee and <b>demonstrations</b></i>