

Workshop des Graduiertenkollegs „Embedded Microsystems“

22./23.11.2007
Hotel „Fortuna“, Kirchzarten

Donnerstag, 22.11.2007	
Uhrzeit:	Thema:
14:00 Uhr – 14:30 Uhr	<i>Eröffnung / Begrüßung durch Prof. Paul</i>
14:30 Uhr – 15:30 Uhr	<i>Christian Gunia:</i> <i>Supplements to Speed-Controlled Broadcasting</i> <i>Tim Nonner:</i> <i>Approximation Results for the Latency Constrained Data Aggregation Problem on the Chain</i> <i>Markus Degen:</i> <i>Java(X)</i> <i>Annette Bieniusa:</i> <i>From Sampling to FPGA – A First Step</i>
15:30 Uhr – 16:30 Uhr	<i>Postersession mit Kaffeepause</i>
16:30 Uhr – 17:30 Uhr	<i>Martin Cornils:</i> <i>Magnetic Calibration and Optimization of Symmetric Hall Plates without a Magnetic Field</i> <i>Simon Brugger:</i> <i>Resonant Magnetic Microsensor with μT Resolution</i> <i>Patrick Pfaff:</i> <i>Gaussian Mixture Models for Monte-Carlo Localization</i> <i>Hauke Strasdat:</i> <i>Probabilistic Techniques for Robot Navigation Using a Single Camera</i>
17:30 Uhr – 18:30 Uhr	<i>Postersession</i>
Ab 18:30 Uhr	<i>Gemeinsames Abendessen</i>

Freitag, 23.11.2007	
Uhrzeit:	Thema:
08:30 Uhr – 10:00 Uhr	<i>Vorträge der Vertreter von Endress+Hauser, Micronas, SICK</i>
10:00 Uhr – 10:30 Uhr	<i>Kaffeepause</i>
10:30 Uhr – 11:15 Uhr	<p><i>Thomas Wendt:</i></p> <p style="text-align: center;"><i>Wake-Up Methods to extend Battery Life Time of Wireless Sensor Nodes</i></p> <p><i>Thorsten Zitterell:</i></p> <p style="text-align: center;"><i>Generation and Analysis of Energy-Efficient Real-Time Systems</i></p> <p><i>Niklas Lotze:</i></p> <p style="text-align: center;"><i>Characterization of Sequential Elements for Operation at Subthreshold Voltages</i></p>
11:15 Uhr – 12:15 Uhr	<i>Postersession</i>
12:15 Uhr – 13:45 Uhr	<i>Gemeinsames Mittagessen</i>
13:45 Uhr – 14:30 Uhr	<p><i>Peter Hilgers:</i></p> <p style="text-align: center;"><i>Digital Sensor-Actuator-Networks</i></p> <p><i>Fabian Henrici:</i></p> <p style="text-align: center;"><i>A Continuous-Time Floating Gate FPAA in 0.13 μm CMOS with 200 MHz GBW</i></p> <p><i>Stefan Spinner:</i></p> <p style="text-align: center;"><i>Automatic Test Pattern Generation for Interconnect Open Defects</i></p>
14:30 Uhr – 15:25 Uhr	<i>Postersession mit Kaffeepause</i>
15:25 Uhr – 16:10 Uhr	<p><i>Matthias Sippel:</i></p> <p style="text-align: center;"><i>Optical Laser Tracking</i></p> <p><i>Ali Sükrü Cubukcu:</i></p> <p style="text-align: center;"><i>Sensitivity-Maximizing and Error-Reducing Design of a Flow Sensor</i></p> <p><i>Alex Rottmann:</i></p> <p style="text-align: center;"><i>New Results from the Blimp Project</i></p>
16:10 Uhr – 17:00 Uhr	<i>Postersession</i>
17:00 Uhr – 17:30 Uhr	<i>Abschlussplenum</i>