RTSOPS 2011 Seminar Program — Tuesday, July 5, 2011

Time	Session
8:30 – 9:00	**Registration**
9:00 – 9:15	**Welcome and Introduction**
9:15 – 10:30	**Open Problems Presentation Session I:** *HOW MANY BOUNDARIES ARE REQUIRED TO ENSURE OPTIMALITY IN MULTIPROCESSOR SCHEDULING?* Geoffrey Nelissen, Shelby Funk, Dakai Zhu and Joel Goossens *HOW DIFFERENT ARE OFFLINE AND ONLINE SCHEDULING?* Gerhard Fohler *A GENERALIZED VIEW ON BENEFICIAL TASK SORTINGS FOR PARTITIONED RMS TASK ALLOCATION ON MULTIPROCESSORS* Dirk Müller and Matthias Werner *NON-PREEMPTIVE FIXED-PRIORITY UNIPROCESSOR SCHEDULING WHERE THE EXECUTION TIME OF A JOB DEPENDS ON THE SCHEDULING OF JOBS THAT EXECUTED BEFORE IT* Björn Andersson, Dionisio de Niz and Sagar Chaki *THE EXPLICIT PREEMPTION PLACEMENT PROBLEM FOR REAL-TIME CONDITIONAL CODE* Marko Bertogna and Nathan Fisher *PROBABILISTIC SENSITIVITY ANALYSIS* Luca Santinelli, Liliana Cucu-Grosjean and Laurent George
10:30 – 11:00	**Coffee Break**
11:00 – 12:30	**Collaborative Session I**
12:30 – 13:30	**Lunch**
13:30 – 15:00	**Open Problems Presentation Session II:** *INFLUENCE OF THE TASK MODEL ON THE PRECISION OF SCHEDULING ANALYSIS FOR PREEMPTIVE SYSTEMS STATUS REPORT* Sebastian Altmeyer and Claire Maiza *WHAT IS THE MEANING OF PREEMPTION IN UTILITY-BASED REAL-TIME SCHEDULING?* Raphael Guerra and Gerhard Fohler *PARTITIONED SCHEDULING OF MULTIMODE SYSTEMS ON MULTIPROCESSOR PLATFORMS: WHEN TO DO THE MODE TRANSITION?* Jose Marinho, Gurulingesh Raravi, Vincent Nelis and Stefan Petters *TWO-TYPE HETEROGENEOUS MULTIPROCESSOR SCHEDULING: IS THERE A PHASE TRANSITION?* Gurulingesh Raravi, Björn Andersson and Konstantinos Bletsas *ADAPTIVE SCHEDULABILITY ANALYSIS* Luca Santinelli *IS PROCESS SCHEDULING A DEAD SUBJECT?* Neil Audsley *USING SCHEDULABILITY ANALYSIS TECHNIQUES TO DERIVE THE AVERAGE-CASE BEHAVIOUR WITH A MONTE-CARLO SIMULATION* Steffen Kollmann, Victor Pollex and Frank Slomka
15:00 – 15:30	**Collaborative Session II**
15:30 – 16:00	**Coffee Break**
16:00 – 17:30	**Collaborative Session II (Continued)**
17:30 – 17:45	**Wrap-up/Discussion**