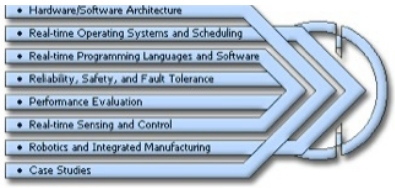
IEEE REAL-TIME SYSTEMS SYMPOSIUM
RTSS 2013 DECEMBER 3-6, VANCOUVER, CANADA



6th Workshop on Compositional Theory and Technology for Real-Time Embedded Systems (CRTS)

Sessions: Salon C	Lunch: Tuscany Room
9:00 – 10:30 Keynote	**Developing multi-periodic critical embedded systems on multi/many-core architectures** *Claire Pagetti (ONERA, ENSEEIHT)*
10:30 – 11:00	**Break**
11:00 – 12:30 Session I: Scheduling and Resource Sharing	**Budget allocations for hierarchical fixed-priority scheduling of sporadic tasks with deferred preemptions upon EDP resources** *Martijn M.H.P. Van Den Heuvel, Reinder J. Bril and Johan Lukkien* **Logic-based Schedulability Analysis for Compositional Hard Real-Time Embedded Systems** *André De Matos Pedro, David Pereira, Luís Miguel Pinho and Jorge Sousa Pinto* **Resource Sharing among Prioritized Real-Time Applications on Multiprocessors** *Sara Afshar, Nima Moghaddami Khalilzad, Farhang Nemati and Thomas Nolte*
12:30 – 14:00	**Lunch**
14:00 – 16:30 Session II: Execution Time and Modeling	**Towards Compositionality in Execution Time Analysis - Definition and Challenges** *Sebastian Hahn, Jan Reineke and Reinhard Wilhelm* **Aligning Single Path Loops to Reduce the Number of Capacity Cache Misses** *Bekim Cilku, Roland Kammerer and Peter Puschner* **Support for Cross-domain Composition of Embedded Systems Using MARTE Models** *Maria Vasilevskaya and Simin Nadjm-Tehrani*
16:30	**Workshop Closing**