

# REACTION 2014

## 3<sup>rd</sup> IEEE Int'l Workshop on Real-Time and Distributed Computing in Emerging Applications

Co-located with IEEE RTSS 2014

Rome, Italy. December 2<sup>nd</sup>, 2014

### Accepted papers

INCREMENTAL LATENCY ANALYSIS OF HETEROGENEOUS CYBER-PHYSICAL SYSTEMS

*Julien Delange, Carnegie Mellon*

PERFORMANCE INTERFERENCE-AWARE VIRTUAL MACHINE PLACEMENT STRATEGY FOR SUPPORTING SOFT REAL-TIME APPLICATIONS IN THE CLOUD

*Faruk Caglar, Shashank Shekhar, and Aniruddha Gokhale*

TIME TRIGGERED SCHEDULING ANALYSIS FOR REAL-TIME APPLICATIONS ON MULTICORE PLATFORMS

*Mathias Freier and Jia-Jia Chen*

HEURISTIC ALGORITHM FOR VIRTUAL LINK CONFIGURATION IN AFDX NETWORKS

*KI-IL Kim and YoungJun Cha*

REAL-TIME BIG DATA: THE JUNIPER APPROACH

*Neil Audsley, Yu Chan, Ian Gray, and Andy Wellings*

GEN4MAST: A TOOL FOR THE EVALUATION OF REAL-TIME TECHNIQUES USING A SUPERCOMPUTER

*Juan María Rivas, Javier Gutiérrez, and Michael González-Harbour*

DATA-CENTRIC DISTRIBUTION TECHNOLOGY IN ARINC-653 SYSTEMS

*Héctor Pérez and Javier Gutiérrez*

A MULTILEVEL I/O TRACER FOR TIMING AND PERFORMANCE ANALYSIS OF STORAGE SYSTEMS IN IaaS CLOUD

*Jalil Boukhobza, Frank Singhoff, Hamza Ouarnoughi, and Stéphane Rubini*