VERFE

10th Workshop on Dependability and Fault Tolerance

TUESDAY, FEBRUARY 25, 2014

12:30   Lunch

13:30   Session 1

Temporal Separation for Hardware-Based I/O Virtualization for Mixed-Criticality Embedded Real-Time Systems Using PCIe SR-IOV
Daniel Münch, Michael Paulitsch, and Andreas Herkersdorf

Unstructured Membership Management for Byzantine Fault Tolerance in Clouds
JongBeom Lim, Daeyong Jung, Taeweon Suh, and Heonchang Yu

15:00   Coffee Break

15:30   Session 2

A Low-Latency DMR Architecture with Efficient Recovering Scheme Exploiting Simultaneously Copiable SRAM
Go Matsukawa, Yohei Nakata, Yuta Kimi, Yasuo Sugure, Masafumi Shimozawa, Shigeru Oho, Hiroshi Kawaguchi, and Masahiko Yoshimoto

Towards a Reliability-aware Design Flow for Kahn Process Networks on NoC-based Multiprocessors
Onur Derin and Leandro Fiorin

17:00   End