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Nota di contenuto	Message from the MuCoCoS-2013 Workshop Chairs -- Christoph Kessler (Linkoping University) and Sabri Pllana (Linnaeus University) ¨ -- KEYNOTE ABSTRACTS (IN PROGRAM ORDER) -- Dataflow Language Compilation for a Single Chip Massively Parallel Processor -- Benoit Dupont de Dinechin (Kalray) -- Multiscale Dataflow Computing -- Oskar Mencer (Maxeler) -- CONTRIBUTED PAPERS (IN PROGRAM ORDER) -- Automatic Extraction of Multi-Objective Aware Parallelism for Heterogeneous MPSoCs -- Daniel Cordes, Michael Engel, Olaf Neugebauer, and Peter Marwedel (TU Dortmund) -- Optimizing Sparse Matrix Vector Multiplication on Emerging Multicores -- Orhan Kislal, Wei Ding, Mahmut Kandemir (Pennsylvania State University) and Ilteris Demirkiran (Embry-Riddle Aeronautical -- University). -- Quantifying the Performance Impacts of Using Local Memory for Many-Core Processors -- Jianbin Fang (TU Delft), Ana Lucia Varbanescu (Univ. of Amsterdam) and Henk Sips (TU Delft). -- Topology-aware Equipartitioning with Coscheduling on Multicore Systems -- Jan H. Schonherr, Ben Juurlink, and Jan Richling (TU Berlin) ¨ -- One OpenCL to Rule Them All? -- Romain Dolbeau (CAPS entreprise), Francois Bodin (IRISA), and Guillaume Colin de Verdiere (CEA, DAM, DIF) -- Algorithmic Species Revisited: A Program Code Classification Based on Array References -- Cedric Nugteren, Rosilde Corvino, and Henk Corporaal (Eindhoven University of Technology) -- Towards a compiler/runtime synergy to predict the scalability of parallel loops -- Georgios Chatzopoulos (National Techn. Univ. of Athens), Kornilios Kourtis (ETH

Zurich), Nectarios Koziris, and Georgios ¨ -- Goumas (National Techn. Univ. of Athens) -- ELB-Trees: An Efficient and Lock-free B-tree Derivative -- Lars F. Bonnichsen, Sven Karlsson, and Christian W. Probst (Technical University of Denmark).