Intel Announces the 2012 Doctoral Student Honor Awardees

The Intel Doctoral Student Honor Programme awards fellowships to exceptional PhD candidates pursuing leading-edge innovation in fields related to Intel's business and research interests in the European Union, Switzerland, and Russia. The goal of the programme is to advance innovation in key areas of technology, as well as develop a pipeline of world-class technical talent for Intel's future workforce and the global knowledge-based economy. The selection of this year's recipients was a highly competitive process with many outstanding quality applicants across several universities and exciting areas of research. For the 2012-2013 academic cycle, twenty-five finalists were selected from a pool of sixty-six applicants across sixteen universities. Congratulations to all of this year's awardees!

Jose Maria Arnaud, U. Polit. De Catalunya
Thesis: Energy-Efficient Mobile GPU Systems for Smartphones and Tablets

Jeronimo Castrillon, RWTH Aachen
Thesis: Methodologies and Algorithms for Efficient Execution of Multiple Applications on Heterogeneous MPSoCs

Jose David Domenech Gomez, U. Polit. De Valencia
Thesis: Apodized Coupled Resonator Optical Waveguides: Theory, Design and Characterization

Jesus Friginal Lopez, U. Polit. De Valencia
Thesis: An Experimental Methodology to Evaluate the Resilience of Ad Hoc Routing Protocols

Shrikanth Ganapathy, U. Polit. De Catalunya
Thesis: Reliability in the Face of Variability in Nanometer Caches

Carmen Garcia, U. Polit. De Catalunya
Thesis: Future Technologies and New Computing Paradigms

Sven Gehring, Saarland University
Thesis: Interaction with Media Facades

Manuel Gorius, Saarland University
Thesis: Adaptive Real-Time Internet Media Transport: Capacity-Approaching Streaming Over Open Internet

Alexander Heinecke, TU Munich
Thesis: Multi- and Manycore Architectures in Advanced Scientific Computing

Daniel Kelly, Imperial College London
Thesis: Disaggregation of Energy

Pejman Lotfi Kamran, Ecole Polytechnique Federale de Lausanne (EPFL)
Thesis: Nanoporous of

Gareth Jones, Imperial College London
Thesis: Performance Analysis

Kamran, Ecole Polytechnique Federale de Lausanne (EPFL)

Pascal Meinerzhagen, Ecole Polytechnique Federale de Lausanne

Bojan Milosevic, University of Bologna
Thesis: Energy-Efficient Body
Bharghava Rajaram, University of Edinburgh
Thesis: Redefining Atomicity for Performance and Portability

Pablo Reble, RWTH Aachen
Thesis: Design Patterns for Scalable Synchronization of Manycore Processors

Michele Rossi, University of Bologna
Thesis: Electronic Interfaces for Nanosensors

Lisa Rutledge, University College Dublin
Thesis: Wind Power: Enhancing Short-Term Power System Flexibility

Reinhard Schneider, TU Munich

Lars Schor, ETH Zurich
Thesis: Programming and Optimization Environment for Predictable and Efficient Embedded Manycore Systems

Aonghus Shortt, University College Dublin
Thesis: Quantifying and Responding to Power System Variability

Evgeny Strekalovskiy, TU Munchen
Thesis: Convex Optimization Methods for Computer Vision

Alejandro Valero, U. Poli. De Valencia
Thesis: Energy-Aware Hybrid SRAM/eDRAM Caches and Architectural Strategies

Cristian Zamfir, Ecole Polytechnique Federale de Lausanne

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