

HUYNH PHUNG HUYNH

PRESENT ADDRESS

Clementi Avenue 5
Blk 339, #09-105
Singapore 120339
(65) 65166836

PERMANENT ADDRESS

99 Tran Hung Dao
Hoi An, Quang Nam
Vietnam
(84) 510-863632

OBJECTIVE

Seeking an internship position.

DATE OF BIRTH

05-01-1982

EDUCATION

08.2005-present Computer Science Phd candidate
School of Computing
National University of Singapore (NUS)

2000-2005 B.E Computer Science and Engineering
University of Technology
Vietnam National University - Ho Chi Minh City
First Class with distinction CGPA 8.32.

PUBLICATIONS

Runtime Reconfiguration of Custom Instructions for Real-Time Embedded Systems, Huynh Phung Huynh, Tulika Mitra. Design Automation and Test in Europe (**DATE**), April 2009

Processor Customization for Wearable Bio-monitoring Platforms, Huynh Phung Huynh, Tulika Mitra. IEEE International Conference on Field Programmable Technology (**FPT**), December 2008

An Efficient Framework for Dynamic Reconfiguration of Instruction-Set Customization, Huynh Phung Huynh, Edward Sim, Tulika Mitra. **Springer Journal of Design Automation for Embedded Systems**. Invited paper for special issue on best papers from CASES 2007.

An Efficient Framework for Dynamic Reconfiguration of Instruction-Set Customization, Huynh Phung Huynh, Edward Sim, Tulika Mitra. 7th ACM/IEEE International Conference on Compilers, Architecture, and Synthesis for Embedded Systems (**CASES**), October 2007. (**Best Paper Award Nomination**)

Instruction-Set Customization for Real-Time Systems, Huynh Phung Huynh, Tulika Mitra. Design Automation and Test in Europe (**DATE**), April 2007.

TALKS

An Efficient Framework for Dynamic Reconfiguration of Instruction-Set Customization at 7th ACM/IEEE International Conference on Compilers, Architecture, and Synthesis for Embedded Systems (CASES), Salzburg, Austria, October 2007.

Instruction-Set Customization for Real-Time Systems at Design Automation and Test in Europe (DATE) Conference, Acropolis, Nice, France, April 2007.

HONORS AND AWARDS

University Silver Medal in recognition of the outstanding academic performance among the Bachelor's graduates of the Department of IT, Ho Chi Minh City University of Technology, Vietnam.

Offered scholarship of Vietnam Ministry of Post-Telecommunications and Motorola Corporation, 2005.

Offered Research Scholarship at National University of Singapore, 2005-present.

PHD RESEARCH FIELD

I am working on design methodologies for instruction-set extensible embedded processors which achieve significant performance and power efficiency. Particularly, I study runtime reconfiguration of custom instructions for multi-tasking systems with timing constraints.

SOFTWARE AND TOOLS

Xplorer integrated development environment for customizable processor and multi-processor from Tensilica.

Stretch integrated development environment for customizable from Stretch Inc.

Programming language: C, C++, C#, Java.

REFERENCES

Dr Tulika Mitra
Associated Professor
Department of Computer Science, School of Computing
Computing 1 #03-21
National University of Singapore, Singapore 117590
e-mail: tulika@comp.nus.edu.sg