Parallel and Distributed Systems

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Current R&D with PG Students at CoE, PSU

Prince of Songkla University

Asst. Prof. Pichaya Tandayya, Ph.D.

Members of ECTI, ACM and IEEE

Pichaya Tandayya graduated in Electrical Engineering (Communications) from Prince of Songkla University (PSU) in Thailand in 1990. She obtained her Ph.D. in Computer Science in 2001 from the University of Manchester in the area of Distributed Interactive Simulation. Currently, she is an Assistant Professor in the Department of Computer Engineering, PSU. Her current research works concern Parallel and Distributed Computing and Assistive Technology.

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Pichaya Tandayya, as a main supervisor, has produced eight M.Eng. graduates in Computer Engineering, three M.Sc. graduates in Management of Information Technology and a Ph.D. In Molecular Biology and Bioinformatics.

Group Introduction

Parallel and Distributed Computing and Systems

Research conducted in this group concerns Computer System Design focusing on Parallel and Distributed Computing and Systems. The areas have ranged from Distributed Interactive Simulation, Parallel Computing, Distributed Systems, and Workflow Technology to Virtualization and Cloud Technology.

Reducing Power Consumption in Data Center Applying Virtualization

PSU Graduate School Scholarship

Kritwara Rattanaopas (Krit)

PhD Student 5210130028 (2/2552)

Kritwara Rattanaopas received B.Eng. and M.Eng. in Electrical Engineering, and M.Sc. in Information Management from Prince of Songkla University, Thailand, in 1998, 2002 and 2006 respectively. Currently, he is a Ph.D. student in Computer

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Enhancing Genotype Imputation in Genome-wide Association Studies Using High Performance Computing

PSU 50/50 Scholarship

Kasikrit Damkliang (Noom)

PhD Student 5710130035 (2/2557)

Kasikrit Damkliang received B.Sc. in Computer Science in 2005 and M.Eng. in Computer Engineering in 2009, both from Prince of Songkla University (PSU), Thailand. He is currently a lecturer in the Information and Technology Program, Faculty of Science, PSU and is also currently a Ph.D. student at the Department of Computer Engineering, Faculty of Engineering, Prince of Songkla University, Thailand. His research interests include High Performance Computing, Web Service, Cloud Computing, Workflow Technology, and Bioinformatics.

Workflow Translation and Dynamic Invocation

Royal Golden Jubilee Scholarship

Attasuntorn Traisuwan (Tone)

PhD Student 5810130012

Attasuntorn Traisuwan received B.Eng. (Computer

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Engineering. He is interested in the research fields of Computer System Design, Cloud Computing (Infrastructure-as-a-service) and Distributed Computing.

Nokkhum Video Surveillance as a Service

Royal Golden Jubilee Scholarship

Thanathip Limna (Boat)
PhD Student 5310130015

Thanathip Limna received his B.Eng. and M.Eng. in Computer Engineering from Prince of Songkla University, Thailand, in 2007 and 2010, respectively. Currently, he is pursuing a Ph.D. in Computer Engineering at the same university. He is interested in the research fields of Parallel and Distributed Computing and Systems, and Cloud Technology.

Distributed File Retrieval System Applying Virtualization Technology

PSU Engineering Faculty Scholarship

Taofik Lamsub (Fik)
MEng Student 5710120068

Taofik Lamsub received B.Eng. in Computer Engineering from Walailak University. Currently, he is an M.Eng. student in Computer Engineering at Prince of Songkla University, Thailand. He is doing a research-only program.

Attasuntorn *continued from page 2*

Engineering) from Prince of Songkla University (PSU), Thailand, in 2015. Recently, he is pursuing a Ph.D. in Computer Engineering at PSU. He is interested in the research fields of Scientific Workflows, Parallel and Distributed Computing and Systems, and Cloud Technology.

SSL Impacts on CMS Applications applying Different Virtualization Models

Taveesak Panyasai (Ton)
MEng Student (5610120101)

Taveesak Panyasai received B.Eng. in Computer Engineering from Walailak University. Currently, he is an M.Eng. student in Computer Engineering at Prince of Songkla University, Thailand.

Enhancing Multiplayer Online Game with Cloud Technology

Academic Excellence Scholarship funded by PSU Graduate School

Thada Wangthammang (Mild)
MEng Student (5810120061)

Thada Wangthammang is a master student at Department of Computer Engineering, Prince of Songkla University (PSU). He also received B.Eng. with a first-class honor in 2015 from PSU. He is enthusiastic to learn about and conduct some research in the areas of cloud technology and distributed and parallel computing, especially, in the area of multi-players online game servers.

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