

Workshop on Software Engineering and Programming Languages

Date: Thursday, 13 Dec. 2012

Room: 3F 308.309

Session: Novel Compilation Techniques (1:00~2:30 pm)

Chair: **Prof. Peng-Sheng Chen**, National Chung Cheng University, Taiwan

- 1123 Low Power Compiler Optimization for Pipelining Scaling
Jen-Chieh Chang, Cheng-Yu Lee, Chia-Jung Chen, and Rong-Guey Chang
- 1179 Accurate Instruction-Level Alias Analysis for ARM Executable Code
Tat-Wai Chong and Peng-Sheng Chen
- 1022 A Translation Framework for Automatic Translation of Annotated LLVM IR into OpenCL Kernel Function
Chen-Ting Chang, Yu-Sheng Chen, I-Wei Wu, and Jyh-Jiun Shann
- 1119 An Editing System Converting a UML State Diagram to a PLC Program
Yung-Liang Chang, Chin-Feng Fan, and Swu Yih

Session: Web Services and Software Engineering (2:45~4:15 pm)

Chair: **Prof. Jiann-I Pan**, Tzu-Chi University, Taiwan

- 1038 An Effective Flood Forecasting System Based on Web Services
Ya-Hui Chang, Pei-Shan Wu, Yu-Te Liu, and Shang-Pin Ma
- 1107 A Two-leveled Web Service Path Re-planning Technique
Shih-Chien Chou and Chih-Yang Chiang
- 1048 A Flexible and Re-configurable Service Platform for Multi-user Mobile Games
Yu-Sheng Cheng, Chun-Feng Liao, and Don-Lin Yang
- 1009 A Simulation Environment for Studying the Interaction Process between a Human and an Embedded Control System
Chin-Feng Fan, Cheng-Tao Chiang, and Albert Yih