

Workshop on Program Transformation @ SIS, SMU

Saturday, Dec 7, 2019

Venue:

SIS Seminar Room 3-1, Level 3
School of Information Systems
Singapore Management University
80 Stamford Road, Singapore

Schedule:

Coffee and Light Refreshment (9.30-9.50 am)

Morning Session (9.50am-12nn)

9.50-10 am: David Lo, Lingxiao Jiang (SMU, Singapore), Julia Lawall (LIP6, France): Welcome from Organizers

10-11 am: Yingfei Xiong (Peking University, China): "Learning to Synthesize"

11-12 am: Xuan-Bach B. Le (University of Melbourne, Australia): "Data and Semantic Driven Repair Synthesis"

Lunch (12nn-1pm)

Early Afternoon Session (1-3pm)

1-1.30 pm: Umair Z. Ahmed (NUS, Singapore): "Automated Program Repair of Introductory Programming Assignments"

1.30-2 pm: Yun Lin (NUS, Singapore): "Interactive and Guided Architectural Refactoring with Search-Based Recommendation"

2-2.30 pm: Ferdian Thung (SMU, Singapore): "Towards Automating Deprecated API Updates for Android Applications"

2.30-3 pm: Jiajun Jiang (Peking University, China): "Inferring Program Transformations From Singular Examples via Big Code"

Coffee and Light Refreshment (3-3.30 pm)

Late Afternoon Session (3.30-5pm)

3.30-4 pm: Hong Jin Kang (SMU, Singapore): "Semantic Patches for Java Program Transformation"

4-4.30 pm: Lucas Serrano (LIP6, France): "SPINFER : Semantic Patch Inference for the Linux Kernel"

4.30-5 pm: Bowen Xu (SMU, Singapore): "Benchmarking Example-Based Program Transformation Inference Tools"

5-5.10 am: David Lo, Lingxiao Jiang (SMU, Singapore), Julia Lawall (LIP6, France): Closing from Organizers