IDEAR 2018 Program

Monday, October 15, 2018

Session 1: Advances in Fault Localization
9:00AM - 10:30AM

- Reduce Before You Localize: Delta-Debugging and Spectrum-Based Fault Localization
  Arpit Christi, Matthew Lyle Olson, Mohammad Amin Alipour, and Alex Groce

- Spectrum-based fault localization for logic-based reasoning
  Ingo Pill and Franz Wotawa

- SeTCHi: Selecting Test Cases to Improve History-guided Fault Localization
  Long Zhang and Zhenyu Zhang

Session 2: Panel Discussion
11:00AM - 12:30AM

- “From Debugging to Repair: Challenges and Research Directions”

Session 3: Automated Repair
2:00PM - 3:30PM

- CFAAR: Control Flow Alteration to Assist Repair
  Chadi Trad, Rawad Abou Assi, Wes Masri, and Fadi Zaraket

- DDS: Deadlock Detector and Solver
  Eman Aldakheel, Ugo Buy, and Simran Kaur

Session 4: Processes and Applications
4:00PM - 5:30PM

- ConfGuru - A System for Fully Automated Debugging of Configuration Errors
  Artur Andrzejak and Matthias Iacsa

- An Approach for Predicting Bug Report Fields Using a Neural Network Learning Model
  Korosh Koochekian Sabor, Mathieu Nayrolles, Abdelaziz Trabelsi, and Abdelwahab Hamou-Lhadj