WoSAR 2019 - Draft Program

09:00-09:15 - Opening - WoSAR 2019 Organizing Committee

Session 1: Software Aging Fault-Models

Session Chair:

09:15-10:00 - Keynote: *Fighting (aging-related) bugs*, Michael Grottke

10:00-10:30 - Analysis of Software Aging Impacts on Plant Anomaly Detection with Edge Computing, Ermeson Andrade and Fumio Machida.

Break 10:30-11:00

11:00-11:30 - Erico Guedes and Paulo Maciel. Stochastic Model for Availability Analysis of Service Function Chains using Rejuvenation and Live Migration

Session 2: Aging and Rejuvenation Vision Papers

Session Chair:

11:30-12:00 - Towards Testing the Software Aging Behavior of Hypervisor Hypercall Interfaces, Lukas Beierlieb, Lukas Iffländer, Aleksandar Milenkoski, Charles F. Gonçalves, Nuno Antunes and Samuel Kounev.

12:00- 12:30 - Rejuvenation in the Age of Information, Daniel Sadoc Menasché, Kishor Trivedi and Eitan Altman.

Lunch 12:30-13:30

13:30-14:00 - Software Rejuvenation in the Wild: From Folklore to Law Enforcement, Mateus Nogueira, Felipe Assis, Daniel Sadoc Menasché, Geraldo Xexeo and Katinka Wolter.

Session 3: Software Aging Tools

Session Chair:

14:00 -14:45 - Keynote: *Modeling the implementation of software rejuvenation in computer systems: Advances and future trends*, Vasilis P. Koutras

14:45-15:30 - A Configurable Software Aging Detection and Rejuvenation Agent for Android, Domenico Cotroneo, Luigi De Simone, Roberto Natella, Roberto Pietrantuono and Stefano Russo.

Break 15:30-16:00

16:00 -16:30 - MemDefender: An Allocation Monitoring and Memory Leak Injection Tool for Java, Mohammadreza Ghanavati, Artur Andrzejak and Felix Langner.

16:30 - 17:00 - Software Aging and Rejuvenation Handbook Status

17:00 - Wrap

19:00 - WoSAR Dinner at a Nice Place - All Invited