
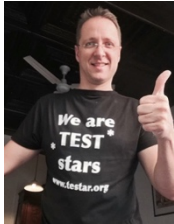


A-TEST – Monday 4th of September 2017 - Paderborn

9:00 – 9:30	Welcome
9:30 – 10:00	<i>Dynamic Mutant Subsumption Analysis using LittleDarwin</i> Ali Parsai and Serge Demeyer.
10:00 – 10:30	<i>Hybrid Monkey Testing: Enhancing Automated GUI Tests with Random Test Generation</i> Thomas Wetzlmaier and Rudolf Ramler.
10:30 – 11:00	Coffee
11:00 – 12:30	<p>Keynote from Ina Schieferdecker (Fraunhofer, FOKUS)- <i>New syllabi on Quality Engineering for the IoT and on Test Automation</i></p>  <p>Prof. Dr.-Ing. Ina Schieferdecker is Director of Fraunhofer FOKUS, Berlin and is also professor for Quality Engineering of Open Distributed Systems at Technische Universität Berlin. Her research interests include ICT for smart cities, open data, critical infrastructures, networking, conformance, interoperability, security and certification as well as software engineering and testing.</p>
12:30 – 13:30	LUNCH
13:30 – 15:00	<p>Hands-on “Do it yourself” automated GUI testing with TESTAR</p> <p>Testing applications at the Graphical User Interface (GUI) level is an important yet expensive and labour-intensive activity. Several tools exist to automate UI level testing. These tools are based on capture replay or visual image recognition. We present TESTAR, a tool for automated GUI testing that takes a totally different approach and has demonstrated to be highly useful in practice.</p>  <p>Ramón de Vries has a broad computer science experience and has been working on Linux and open source for the past 20 years. Currently he is working as an independent consultant to automate the management of systems of systems in the cloud. Since 2016 he is involved with TESTAR.org. He got an MSc degree from the University of Delft in The Netherlands.</p>
15:00 – 15:30	Coffee break
15:30 – 17:30	Hands-on “Do it yourself” automated GUI testing with TESTAR (cont.)

A-TEST – Tuesday 5th of September 2017 - Paderborn

<p>9:30 – 10:30</p>	<p>Keynote from Sigrid Eldh (Ericsson, Sweden) - <i>Industrial challenges on test automation</i></p>  <p>Dr. Sigrid Eldh is a researcher and senior specialist at Ericsson Radio System & Technology, where she leads Ericsson research on software testing, debugging and product quality. She is an Adjunct Professor at Carleton University and a Senior Lecturer at Mälardalen’s University. Sigrid has more than 30 years of practical experience from the IT-Industry. She has started large test organizations such as SAST, ISTQB, and SSTB and has had a strong world influence both within and outside the software test community to make test practices known to drive real system quality and bridge the gap between industry and academia.</p>
<p>10:30 – 11:00</p>	<p>Coffee</p>
<p>11:00 – 11:30</p>	<p><i>Evaluating Quality of Security Testing of the JDK</i> Paddy Krishnan, Jerome Loh, Rebecca O'Donoghue and Larissa Meinicke.</p>
<p>11:30 – 12:00</p>	<p><i>Comparing automated visual GUI testing tools: an industrial case study</i> Vahid Garousi, Wasif Afzal, Adem Çağlar, İhsan Berk Işık, Berker Baydan, Seçkin Çaylak, Ahmet Zeki Boyraz, Burak Yolaçan and Kadir Herkiloğlu.</p>
<p>12:00 – 12:30</p>	<p><i>Collaborative Economy for Testing Cost Reduction on Android Ecosystem</i> Kenyo Abadio Crosara Faria, Eduardo Noronha De Andrade Freitas and Auri Marcelo Rizzo Vincenzi.</p>
<p>12:30 - 13:30</p>	<p>LUNCH</p>
<p>13:30 – 15:00</p>	<p>Hands-on “Do it yourself” Model-Based Testing session</p> <p>Model Based Testing (MBT) is the next step in test-automation. It is a technique that enables total automation of the test-process. This means that a computer can help with test-case generation, execution and checking of the outcome of the test-execution. As a result, MBT can test with unprecedented speed and thoroughness. The crux of MBT is in the modeling. How do you explain to a computer what a computer system is? In this workshop, you get hands-on experience with Model Based Testing in the Axini toolset. You will get a bird’s eye view of what it means to model, execute tests and analyse the results.</p> <p>Machiel van der Bijl is co-founder of Axini BV, Amsterdam, The Netherlands. Machiel has a broad experience in both theoretical and practical computer science. Before founding Axini he worked for several companies in the financial and embedded/high tech sector. Machiel has a MSc and a PhD degree in computer science from the University of Twente.</p> 
<p>15:00 – 15:30</p>	<p>Coffee break</p>
<p>15:30 – 17:30</p>	<p>Hands-on “Do it yourself” Model-Based Testing session (cont.)</p>