Industry – Academic Collaborations on Fault Research

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Abstract — Research on faults is clearly difficult. It should not be, if sufficient data was available. Data on faults exists, but not in the form needed, and often missing the right context. Getting Industry and academic collaborations to work – that is also difficult. It is partly a people problem, and partly based on built-in problems in the two organizations different way of working, focus, attitudes, goals, and rewards. In this key-note at the first workshop of FIARS, I will explain how I view some things that needs to change to get fault research to better evolve. If we are to achieve our mutual goal – to improve reliability of systems, we clearly need to work on these challenges together.

Short Biography — Dr. Sigrid Eldh is a researcher and senior specialist at Ericsson Radio System & Technology, located in Stockholm Sweden. At Ericsson she leads the Ericsson research on software test, debugging and product quality. She is an Adjunct Professor at Carleton University in Ottawa, Canada, and a Senior Lecturer at Mälardalens University, Västerås, where she also earned her PhD "On Test Design". Sigrid has more than 30 years of practical experience from the IT-Industry, and more than 20 years from Telecom specifically. She has started, and chaired some large software testing organizations for practitioners, like SAST, ISTQB, and SSTB. She is now leading the TESTOMAT project, and ITEA3 EU research project on the next level of Test Automation.