

2 Invited Talks

2.1 Herbert Bos/ Tain't not enough time to fuzz all the memory errors

2.1.1 Herbert Bos

- General Co-Chair for EuroSys 2014
- Professor at VU University Amsterdam
- Three of his students have won the ACM SIGOPS Eurosys Roger Needham Award for best Ph.D. thesis in computer systems in Europe.
- Ph.D. from Cambridge University (UK)

2.1.2 Tain't not enough time to fuzz all the memory errors

In this talk, I will discuss the past, present, and future of memory errors, and some of the projects in my group that build on information flow tracking (sometimes referred to as taint analysis) to detect and stop memory corruption attacks. These projects include plain old tainting solutions like Argos and Minemu, as well as more elaborate defenses like BinArmor. Finally, I will discuss new work in my group on fuzzing for buffer overflows (Usenix Sec'13) which combines taint analysis with symbolic execution and some cool heuristics to track down those pesky overflows in real programs."

Talk can be downloaded from <http://grehack.org>