

**IMF 2024****13th International Conference on
IT Security Incident Management & IT Forensics**September 17th - 18th, 2024
Saarbrücken, Germany

Conference Program

17.09.2024**09:00 - 09:30 Registration****09:30 - 12:00 Workshop I: Introduction to ForTrace++: A digital forensics data synthesis framework** (*Wolf, Dennis, Zentrale Stelle für Informationstechnik im Sicherheitsbereich (ZITiS)*)**12:00 - 13:00 Lunch****13:00 - 13:10 Opening of the Conference****13:10 - 14:00 Opening Keynote:**
‘Zeitenwende‘ in IT Forensics: Artificial and Human Intelligence in Digital Law Enforcement
(*Hartmann, Markus, Senior Prosecutor, Head of ZAC NRW*)**14:00 - 15:00 Session 1: Practitioners I**InvesTEE: A TEE-supported Framework for Lawful Remote Forensic Investigations
(*Lindenmeier, Christian; Gruber, Jan; Freiling, Felix*)The Hidden Threat: Analysis of Linux Rootkit Techniques and Limitations of Current Detection Tools
(*Hilgert, Jan-Niclas; Stühn, Jakob; Lambertz, Martin*)**15:00 - 15:30 Coffee Break****15:30 - 16:30 Session 2: Digital Forensic Theory and Data Generation**Fit for Forensics: Taxonomy and Common Model for Forensic Analysis of Fitness Trackers
(*Hammer, Andreas; Geus, Julian; Nicolai, Florian; Schütz, Philip; Fein, Christofer; Freiling, Felix*)Data Synthesis is Going Mobile – On Community-driven Dataset Generation for Android Devices
(*Demmel, Markus; Göbel, Thomas; Gonçalves, Patrik; Baier, Harald*)**17:00 Departure to Social Event at Völklingen Ironworks (UNESCO World Heritage Site) and Conference Dinner**

18.09.2024

09:20 - 09:30 Morning Coffee

09:30 - 10:30 Session 3: Practitioners II

Causal Inconsistencies are Normal in Windows Memory Dumps (too)
(*Rzepka, Lisa; Ottmann, Jenny; Freiling, Felix; Baier, Harald*)

Increasing Street Credibility: Cartography-aware Forensic Analysis of GNSS
Trace Validity
(*Hammer, Andreas; Cerny, Christian; Jung, Christoph; Eichenmüller,
Christian; Freiling, Felix*)

10:30 - 11:00 Coffee Break

11:00 - 12:00 Session 4: Incident Response

On NVD Users' Attitudes, Experiences, Hopes and Hurdles
(*Wunder, Julia; Corona, Alan; Hammer, Andreas; Benenson, Zinaida*)

Requirements for Playbook-Assisted Cyber Incident Response, Reporting and
Automation
(*Akbari Gurabi, Mehdi; Nitz, Lasse; Bregar, Andrej; Popanda, Jan; Siemers,
Christian; Matzutt, Roman; Mandal, Avikarsha*)

12:00 - 13:00 Closing Keynote:
**Yet Another Protocol!? Building Robust Parsers for Network Traffic
Monitoring, Easily and Safely!**
(*Sommer, Robin, Corelight Inc.*)

13:00 - 14:00 Lunch

**14:00 - 17:00 Workshop II: Legal Challenges to IT Security Incident
Management & IT Forensics** (*Sorge, Christoph; Brodowski, Dominik*)