

HackingLab - Teaching Ethical Hacking

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Abstract

The aim of this presentation is to give a bibliographic review of the growing number of different Cyber Security and Forensic Challenges for educational and vocational training purposes. Special attention is given to the Hacking-Lab, which enables effective training in cyber security and computer forensics in the university environment and in vocational education and training.

Biography



Reiner Creutzburg is a Full Professor of Computer Science at the Technische Hochschule Brandenburg (Germany) since 1992. He is a consultant to Government and Industry for more than 15 years. He is a director of the newly established Computer and Media Forensics Lab in his University and a member of IEEE, SPIE, and IS&T. He is the initiator and founding chair of the Annual Symposium MOBMU - Mobile Devices and Multimedia: Enabling Technologies, Algorithms, and Applications at Electronic Imaging in San Francisco (CA) since 1995. His research interests include: Cyber Security, Computer Forensics, Ethical Hacking, Digital Signal and Image Processing. More information is available at:

- <https://www.th-brandenburg.de/mitarbeiterseiten/fbi/professoren/reiner-creutzburg/>
- https://www.researchgate.net/profile/Reiner_Creutzburg
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