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Professor Frank Breitinger's Full Bibliography

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Bibliography

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See also http://www.fbreitinger.de/

Books


Book Chapters & Journal Articles

2018


2017


2016


2015


2014


Rathgeb, Christian; Breitinger, Frank; Busch, Christoph; Baier, Harald. **On application of bloom filters to iris biometrics.** Biometrics, IET, 3 (4), pp. 207-218, 2014, ISSN: 2047-4938.

2013

Breitinger, Frank; Baier, Harald


Breitinger, Frank; Stivaktakis, Georgios; Baier, Harald

**FRASH: A Framework to Test Algorithms of Similarity Hashing.**

Clark, Devon R; Meffert, Christopher; Baggili, Ibrahim; Breitinger, Frank: DROP (DRone Open source Parser) your drone: Forensic analysis of the DJI Phantom III. In: Digital Investigation, 22, Supplement, pp. S3 - S14, 2017, ISSN: 1742-2876.


Gupta, Vikas; Breitinger, Frank

2014


Breitinger, Frank; Ziroff, Georg; Lange, Steffen; Baier, Harald


2013


Breitinger, Frank; Astebøl, Knut; Baier, Harald; Busch, Christoph.

mvHash-B - A New Approach for Similarity Preserving Hashing (Proceeding)

Breitinger, Frank; Petrov, Kaloyan

Reducing the Time Required for Hashing Operations (Proceeding)


2012

Breitinger, Frank; Baier, Harald

Performance Issues About Context-Triggered Piecewise Hashing (Proceeding)


Breitinger, Frank; Baier, Harald; Beckingham, Jesse

Security and implementation analysis of the similarity digest sdhash (Proceeding)

First International Baltic Conference on Network Security & Forensics (NeSeFo), 2012.

Breitinger, Frank; Baier, Harald

Properties of a similarity preserving hash function and their realization in sdhash (Proceeding)


Breitinger, Frank; Baier, Harald

A fuzzy hashing approach based on random sequences and hamming distance (Proceeding)


2011

Baier, Harald; Breitinger, Frank

Security Aspects of Piecewise Hashing in Computer Forensics (Proceeding)
IT Security Incident Management and IT Forensics (IMF), 2011 Sixth International Conference on, pp. 21-36, 2011.

**2010**
Breitinger, Frank; Nickel, Claudia

User Survey on Phone Security and Usage (Proceeding)
Bromme, Arslan; Busch, Christoph (Ed.): BIOSIG, pp. 139-144, GI, 2010, ISBN: 978-3-88579-258-1.

**Other Major Publications**

**2014**
Breitinger, Frank


Breitinger, Frank; Guttman, Barbara; McCarrin, Michael; Roussev, Vassil; White, Douglas

Approximate Matching: Definition and Terminology (Technical Report)
National Institute of Standards and Technologies 2014.

Breitinger, Frank: On the utility of bytewise approximate matching in computer science with a special focus on digital forensics investigations. Technical University Darmstadt, 2014. (PhD Thesis)

**2011**
Breitinger, Frank

Security Aspects of fuzzy hashing (Masters Thesis)
University of Applied Sciences Darmstadt, 2011.
Other Presentations

2014
Breitinger, Frank

Reducing data for forensic investigations using approximate matching (Miscellaneous)

Presentation at University New Haven, 2014.

2013
Guttman, Barbara; Breitinger, Frank; Garfinkel, Simson; Kornblum, Jesse; Shields, Clay

Approximate Matching of Digital Artifacts (Miscellaneous)

Panel discussion at 13th Digital Forensics Research Conference (DFRWS13), 2013.

Breitinger, Frank

Similarity Preserving Hashing (Miscellaneous)

Presentation at 8. GI SIG SIDAR Graduate Workshop on Reactive Security (SPRING), 2013.

2012
Breitinger, Frank

Similarity Preserving Hashing (Miscellaneous)


2011
Breitinger, Frank; Baier, Harald

Security Aspects of Piecewise Hashing in Computer Forensics (Miscellaneous)

Abstract and Presentation at 6. GI SIG SIDAR Graduate Workshop on Reactive Security (SPRING), 2011.