

Table of Contents

Open Identity Summit 2020 – Regular Research Papers

Lothar Fritsch <i>Identification collapse - contingency in identity management</i>	15
Holger Funke <i>Digital and mobile identities</i>	27
Michael Kubach, Christian H. Schunck, Rachelle Sellung, and Heiko Roßnagel <i>Self-sovereign and decentralized identity as the future of identity management?</i>	35
Tomasz Kusber, Steffen Schwalm, Kalinda Shamburger, and Ulrike Korte <i>Criteria for trustworthy digital transactions - blockchain/DLT between eIDAS, GDPR, data and evidence preservation</i>	49
Lothar Fritsch <i>Identity management as a target in cyberwar</i>	61
Anders Schlichtkrull and Sebastian Mödersheim <i>Accountable trust decisions: a semantic approach</i>	71
Sebastian Kurowski and Heiko Roßnagel <i>On the diffusion of security behaviours</i>	83
Zofia Saternus <i>Privacy and availability needs regarding user preferences for Smart Availability Assistant – towards a digitally enabled work life balance</i>	97
Michael Kubach, Nicolas Fähnrich, and Cristina Mihale-Wilson <i>Agent-based models as a method to analyse privacy-friendly business models in an assistant ecosystem</i>	109
Christian Zimmermann <i>Automation potentials in privacy engineering</i>	121

Jan Zibuschka, Christopher Ruff, Andrea Horch, and Heiko Roßnagel
A human digital twin as building block of open identity management for the internet of things.....133

Guðni Matthíasson, Alberto Giaretta, and Nicola Dragoni
IoT device profiling: from MUD files to $S \times C$ contracts.....143

Open Identity Summit 2020 – Further Conference Contributions

Valerie Carl and Cristina Mihale-Wilson

*Consumer privacy concerns and preferences for certification and accreditation of intelligent assistants in the internet of things.....*157

Kalman C. Toth, Ann Cavoukian, and Alan Anderson-Priddy

*Privacy by design architecture composed of identity agents decentralizing control over digital identity.....*163

Edoardo Talamo and Alma Pennacchi

*IdToken: a new decentralized approach to digital identity.....*171

Giovanni A. Baruzzi

*Token based authorization.....*179

Tamas Bisztray, Nils Gruschka, Vasileios Mavroeidis, and Lothar Fritsch

*Data protection impact assessment in identity control management with a focus on biometrics.....*185

Detlef Hühnlein, Tina Hühnlein, Gerrit Hornung, and Hermann Strack

*Towards universal login.....*193