

DR. SEBASTIAN E. SCHMITTNER

★ 19th of September 1985 in Cologne

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CURRICULUM VITAE

EMPLOYMENT HISTORY

- from 07.2018** Head of New Technologies (Distributed Ledger/Identity Management) at the European EPC Competence Center GmbH (EECC)
- 12.2015 – 06.2018** Scientist at Fraunhofer Institute for Algorithms and Scientific Computing (SCAI): Full stack software and algorithm development
- since 06.2015** Freelance software developer
- 12.2010 – 11.2015** Scientist at the Institute of Theoretical Physics, University of Cologne
- 10.2005 – 09.2008** Student assistant at University of Cologne: supervising computer science and physics classes, software development
- 08.2009 – 11.2010** science and physics classes, software development

EDUCATION

- 01.2018** Online Course: Ethereum Blockchain Developer
- 02.2017** One week course: Data Scientist Basic Level
- 11.2011 – 01.2015** PhD at the University of Cologne with Prof. Martin Zirnbauer on “Models for disordered phonons” **Dr. rer. nat.** (“**magna cum laude**”)
- 04.2005 – 09.2008** Mathematics Diplom course at the University of Cologne
- 10.2009 – 10.2011** **Dipl.-Math. with distinction** (“**mit Auszeichnung**”)
- 04.2005 – 09.2008** Physics Diplom course at the University of Cologne
- 10.2009 – 11.2010** **Dipl.-Phys. with distinction** (“**mit Auszeichnung**”)
- 10.2008 – 09.2009** **Master of Advanced Studies (MASt)** at the University of Cambridge (“**merit, equivalent of a first class**”)
- 08.1996 – 06.2004** Albert Schweitzer Gymnasium, Hürth (**Abitur 1.0**)

SCHOLARSHIPS

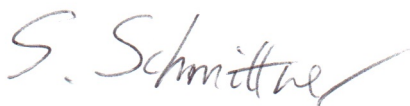
- 01.2012 – 12.2014 Scholar of the Deutsche Telekom Stiftung
- 09.2007 – 03.2014 Honours member of the Bonn-Cologne Graduate School of Physics and Astronomy
- 03.2007 – 11.2010 Scholar of the German National Science Foundation (“Studienstiftung des Deutschen Volkes”)

PUBLICATIONS/PREPRINTS

- 01.04.2022 Glew, Tröger, Schmittner: *A solution approach for the anonymous sharing of sensitive supply chain traceability data*, arXiv:2204.00317
- 29.07.2015 S. E. Schmittner: *A SAT-based Public Key Cryptography Scheme*, arXiv:1507.08094
- 27.03. 2013 A. Alldridge, S. E. Schmittner: *Cartan-Helgason for supergroups*, arXiv:1303.6815, DOI: 10.1016/j.jfa.2014.11.018
- 23.12. 2010 S. E. Schmittner, M. R. Zirnbauer: *Coherent potential approximation for disordered bosons*, arXiv:1012.5283

HONORARY COMMITMENT

- since 2023 Organisation of local board games meetups for families
- 2017 – 2019 Erste Generation Promotion Mentoring+
- 2016 – 2018 Coach at Coder Dojo Cologne
- 2016 – 2018 Crypto Parties
- since 2015 Promoting and building Freifunk, a free public wireless mesh network
- 2010 – 2012 Tutoring underprivileged pupils
- since 1998 Boy Scout in a local group of the DPB (“Deutscher Pfadfinder Bund”)
Leading various groups



3rd May 2023, Sebastian Schmittner