

## Manfred Aigner, Dipl.-Ing., Dr.techn.



### Personal Data

Address Beethovenstraße 20, 8010 Graz, Austria  
 Email & Phone [manfred@dissemination.at](mailto:manfred@dissemination.at), +436508316400  
 Birthdates 11.5.1971, Bad Ischl, Austria  
 Citizenship Austrian  
 Linguistic skills German (native), English (good), Spanish (good), Indonesian (basic)  
 Hobbies Mountain biking, trekking, literature

### Education & Career

1985-1990 Technical college for communication engineering and electronics in Braunau  
 1991-2000 Master studies: Compute Science at Graz, University of Technology  
 Graduated to master with distinction  
 1996-2011 Researcher at IAIK, TU Graz (VLSI & Security)  
 2002-2003 Project manager for FP5 projects SETIC and USB\_Crypt  
 Since 2003 Group coordinator for research group VLSI and Security at IAIK  
 2004-2006 Initiator and scientific leader of FP6 STREP SCARD  
 2004-2006 Coordinator of research project ART (FIT-IT)  
 2006-2009 Lead scientist of FP6 IP BRIDGE and coordinator of research project SNAP (FIT-IT)  
 2007-2010 PHD studies at TU Graz, graduated to PhD (Dr. tech) with distinction in May 2010,  
 thesis: "Secure passive RFID Technology in the Internet of Things"  
 2009-2011 Coordinator of research project CRYPTA (FIT-IT)  
 2010-2011 Coordinator of research project PIT (FIT-IT)  
 2011 Project Manager for JCOB Mobile Transactions NXP Semiconductors  
 2013 ISO Certified executive coach (Trigon)  
 Since 09/2012 Founder of Consulting Company [dissemination.at](http://dissemination.at)  
 Since 05/2013 Founder and CAO of Yagoba GmbH; IT security development services

### Other activities

1997-1998 Studied mathematics at Universidad Complutense de Madrid, Spain (Erasmus)  
 1998 Translator for Elin, Weiz, Austria (Spanish to German)  
 1998 Studied translation at Graz University (Spanish, German)  
 Since 2008 Steering Committee Member of RFIDSec and RFIDSec Asia  
 Since 2009 Evaluator for EC FP7 and Horizon Projects and for Evaluator FFG (Austria)  
 Since 2010 Lecturer at IPICS summer school for IT security topics (Smart cards, Internet of Things)  
 Since 2018 Lecturer at PH Steiermark for technical sociology

### Recent publications

- Manfred Aigner, PhD Thesis: "Secure passive RFID technology in the Internet of Things", Graz University of Technology, May 2010.
- 2010 Manfred Josef Aigner - "Security in the Internet of Things" – RFIDSec Asia 2010, Singapore.
- Martin Feldhofer, Manfred Josef Aigner, Michael Hutter, Thomas Plos, Erich Wenger, Thomas Baier – "Semi-Passive RFID Development Platform for Implementing and Attacking Security Tags" - Workshop on RFID / USN Security and Cryptography 2010, London (Note: to appear)

### Patents

- Manfred Aigner, Holger Bock, "Device and method for calculating encrypted data from unencrypted data or unencrypted data from encrypted data", US2006020822, WO2004068783, EP1588518, DE10303723
- Popp Thomas, Mangard Stefan, Aigner Manfred, "METHOD AND CIRCUIT FOR CARRYING OUT CALCULATION OPERATIONS", WO2007012102, DE112006002032, AT502230