

University Academic Curriculum Vitae

Personal information

Matthias Heiler
 Year of birth: 1961
 Nationality: German
 E-Mail: Matthias.heiler@sap.com

Education since leaving school

- year and title of first degree:
 1991 Diplom Physik, Ruprecht-Karl-Universität Heidelberg

Present appointment

- Adjunct faculty member at unibz: 03/2021
- SRH Hochschule Heidelberg, Faculty for Information, Media and Design
 Teaching topics around ERP applications especially SAP
 And teaching Software Architecture and Design
- Duale Hochschule Mannheim, International Management for Business and Information Technology
 Teaching topics in in-Memory Databases and Machine Learning

Chronological list of all previous employments (each with job title, starting and finishing dates, level, employer, responsibilities)

Professional experience

| From / to | Job title | Name of academic Institution | Academic level | responsibilities |
|------------|------------------------|-----------------------------------|---------------------|--|
| 1999-2007 | Adjunct faculty member | International University Bruchsal | Assistant Professor | Lectures around SAP technologies |
| 2009-2020 | Adjunct faculty member | SRH Hochschule Heidelberg | | Lectures around ERP applications and ERP technologies and lectures on Software Architecture and Design |
| 2019-2020 | Adjunct faculty member | Duale Hochschule Mannheim | | Lectures on in-Memory Databases and Machine Learning |
| Since 1995 | Sales Manager | SAP | | Selling ERP applications to customers |
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Experience in academic teaching

- 2019 In-Memory Databases - SAP HANA
 Duale Hochschule Baden-Württemberg Mannheim, undergraduates
- 2019 In-Memory Databases - SAP HANA
 SRH Hochschule Heidelberg, master students

- Integration Seminar: Machine Learning in Context of SAP Applications - Duale Hochschule Baden-Württemberg Mannheim, undergraduates
- Lecture on Software architecture and Design, SRH Hochschule Heidelberg, undergraduates
- Supervision of undergraduate student in their bachelor thesis on Machine Learning - Duale Hochschule Baden-Württemberg Mannheim
- Supervision of master student in their master thesis on Semantic Web - SRH Hochschule Heidelberg

Other academic responsibilities

- SAP Ambassador for SRH Hochschule Heidelberg

Publications

- * Entwicklerbuch SAP XI
Editors: Funk, Heiler, Nicolescu, Niemeyer, 2006 ISBN 3-89842-810-9
- * SAP NetWeaver PI - Entwicklung
Editors: Nicolescu, Funk, Niemeyer, Heiler 2009 ISBN 987-3-8362-1440-7
- Applikationen im SOA Umfeld modellieren
ComputerWorld.ch on modelling of applications in a SOA Environment 2007
- Managing modern Business Processes - How to use a process-driven architecture, to achieve flexible, efficient processes <http://sapinsider.wispubs.com/Assets/Articles/2016/SAPI.managing-modern-business-processes>, SAP Insider 2016
- * Empirical Studies on the Development of Executable Processes
Stiehl, Heiler, Danei, Elliott 2019
doi.org/10.1007/978-3-030-17666-2

Further data

Speaker at multiple national & international SAP conferences
SAPPHIRE, SAP Teched, Cebit

Entrepreneurship

Betty24, doctor appointment system

Statement of interest

My expected contribution to the faculty of business informatics at unibz is building a bridge between business and IT. My focus will be on teaching the complex ERP applications and how the different business processes required to run a company are implemented and integrated with each other. Hands-on sessions with access to an ERP system and real-life business scenarios and their involved participants are available to better understand the various business processes and their implementation in an ERP system. For this an ERP system of an assumed international company building and selling bikes and bike related articles is used. Further focus could be on comparison of classical ERP systems with more modern ERP systems using elaborated technologies like in-memory databases, IoT, AI and Cloud computing and discussing the relevance to digital transformation and the changes resulting from it in the way businesses are conducted in the future. A further focus could be an official certification class achieving a "SAP Certified Associate Business Foundation & Integration with SAP ERP" certificate.

Date 15. September 2020

Matthias Heiler