

- CV -

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**PERSONAL DATA:** Prof. Dr. Dirk P. Saller  
born in Viernheim (Hessen)  
married since 27.12.1972  
daughter (26 years), sons (20 and 16 years)

### TRAINING DATA

1982-1991 Alfred-Delp Primary School in Mannheim  
1982-1991 Peter-Petersen Gymnasium in Mannheim  
1991 *Abitur, grade: 2.2 (good)*

1991 Studies in Physics at University of Heidelberg,  
1993-1994 2 semesters abroad at University of Pisa (Italy)

1996 Diploma / Master Degree in physics with a minor in mathematics  
*grade: 1.6 (good)*

Diploma thesis at the Max Planck Institute for Nuclear Physics  
Topic: Numerical methods in quantum field theory,  
*Grade: 1.0 (very good)*

1997 - 2001 University of Mannheim, thereof approx. 2 years at the University of Florence (Italy)  
Doctoral Studies in Applied Mathematics/ Mathematical Physics

2001 *Dr. rer. nat., Grade: Summa cum laude*  
Topic: Differential Geometry, Covariant Quantum Mechanics

### GRANTS, SCHOLARSHIPS AND AWARDS

1994 Erasmus scholarship for 2 semesters abroad in Pisa (Italy)


1998-2000 PhD scholarship within the framework of the Landesgraduiertenförderung Baden-Württemberg


2000-2001 Top-up scholarships and DAAD scholarships abroad for research stays in Florence

2018, June Visiting Professor at the University of Florence

2021-2022 Visiting Professor at the University of Siena

### LANGUAGE SKILLS

 German, mother tongue

 English, very good

 Italian, very good

### HOBBIES

Too many things

## PROFESSIONAL CAREER

- 1996-2002 Freelance consultant with a focus on coaching, weak point analysis and business process optimization in the fields of telecommunications and information technology  
Activities for:
1. TKS Kaiserslautern GmbH & Co. KG -  
Telecommunications company with about 100 employees (January 1997 – April 2001)  
(i) *Business Process Reengineering in stationary retail,*  
(ii) *Team leader (5 employees) in the organization of promotional events for telecommunications products in the residential areas of the US military*
  2. SNP Schneider Neureither & Partner AG in Heidelberg - SAP R/3 basic consultant with approx. 50 employees (April – September 2001)  
Development of a concept for competence  
*development of SAP basic consultants with a focus on ASP solutions, structuring and indexing of the learning content, implementation of the concept and participation in the training courses as a coach for project management and conflict management*
  3. IAS GmbH Mannheim -System and weak point analyses with approx. 10 employees (August 2001 – February 2002)  
*Development of algorithms for the automatic adjustment of maintenance intervals for production machines*
  4. T-Systems Nova GmbH in Darmstadt (July – December 2002)  
*Staff support for the project management of a large research and development project (€ 14 million), in which a comprehensive ASP solution for small and medium-sized enterprises was developed as a prototype.*
- 2002-2005 Managing Partner of BeeBetter GmbH in Ludwigshafen and Mannheim
- 2005-2006 Full Professor as Director of Studies in Information Technology at the University of Cooperative Education Mannheim
- since 2005 Various teaching and consulting activities as part of a secondary activity, e.g. for
1. Graduate School Rhein-Neckar gGmbH
  2. BeeBetter GmbH
- 2006-2011 Vice Rector and Dean of technology department at the University of Cooperative Education Mannheim.
- 2009-2017 Consulting for Ferrari SpA (Maranello)/ Justintime SRL  
*Tasks: Process design in the field of innovation management, Technology and expert scouting, currently negotiating the expansion of the Project until 2017.*
- 2011-2014 Rector at the Baden-Württemberg Cooperative State University Mosbach
- since 2014 Full Professor as Director of Studies of Applied Computer Science at the Baden-Wuerttemberg Cooperative State University Mosbach
- since 2020 Personal advisor to SAP founder, Dietmar Hopp

## WORKING GROUPS AND COMMITTEES (selection, only last 10 years)

- 2005-2014 Member of the Technical Committee of the Berufsakademie/ and today's Technical Commission of the Baden-Württemberg Cooperative State University (DHBW)
- 2009-2017 Chairman of the Advisory Board of SLV (Welding Association) Mannheim
- 2010-2014 Chairman of the Technical Commission of the Baden Cooperative State University-Württemberg (all DHBW locations in Baden-Württemberg)
- 2011-2014 Member of the Local Senate of DHBW Mosbach
- 2011-2014 Member of the (central) Senate of the Baden-Württemberg Cooperative State University

2015-2019	Elected member of the (central) Senate of the Baden-Württemberg Cooperative State University
2011-2014	Member of the Quality Assurance Commission of the Baden-Württemberg Cooperative State University
2013-2014	Member of a group of experts of the German Council of Science and Humanities on the development of the Berufsakademie Sachsen (see annex)
2016-2019	Chairman of the Economic Committee of the University Staff Council of the DHBW
2016-2017	Elected member of the selection committee for the election of the Chancellor of the DHBW
since 2019	Appointed member of the Supervisory Board of DHBW
since 2020	Member of the Advisory board of the Bundesliga football club TSG 1899 Hoffenheim
since 2022	Elected member of the steering committee "Administration 2025" of the DHBW
since 2023	Member of the Supervisory board of the software company Egotec AG

## RESEARCH CAREER

### Acquired third-party funds

Considering only those resources that were operatively associated with my person, between 2008 and 2022, I have acquired more than 1 Mio. € regarding projects in the field of engineering and computer science.

### Publikationen (only last 5 years)

in the fields of mathematical physics, artificial intelligence and educational science

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|------|---|
| 2018 | Jansyka, J. Modugno, M, Saller, D.<br><b>Infinitesimal symmetries in Covariant Quantum Mechanics</b><br>published in "Quantum Theory and Symmetries with Lie Theory and Its Applications in Physics", Springer Proceedings in Mathematics and Statistics (Volume 255, 2018)   |
| 2020 | Saller, D & Kumova BI<br><b>Mining Causal Hypotheses in Categorical Time Series by Iterating on Binary Correlations</b><br>Conference paper at Cross Domain Conference for Machine Learning and Knowledge Extraction CD-MAKE 21,<br>published in Springer Lecture Notes in Computer Science (LNCS),<br>Machine Learning and Knowledge Extraction (2021), Eds. Holzinger, Kieseberg, Min Tjoa, Weippl, pp. 99-114<br><a href="https://doi.org/10.1007/978-3-030-84060-0_7">https://doi.org/10.1007/978-3-030-84060-0_7</a> |
| 2021 | Berkling, K., Saller, D., & Winter, C. (2021).<br><b>Self-Assessment of Competencies by Bachelor Students in Computer Science</b><br>Form@re - Open Journal Per La Formazione in Rete,<br>21(3), 11-24.<br><a href="https://doi.org/10.36253/form-12266">https://doi.org/10.36253/form-12266</a>  |
| 2021 | Berkling, K, Saller, D, & Winter, C (2021)<br><b>Online Learning Readiness - Determining Key Factors that Distinguish University Students who Feel Comfortable with Online Studies</b><br>In L. Gómez Chova, A. López Martínez, & I. Candel Torres (Eds.),<br>ICERI Proceedings, ICERI2021 Proceedings, pp. 6962–6970<br><a href="https://doi.org/10.21125/iceri.2021.1575">https://doi.org/10.21125/iceri.2021.1575</a>  |
| 2021 | Möbs, S, Berkling, K, Saller, D<br><b>Teaching and Learning in times of Corona</b>  |

in Didattica a Distanza: esperienze dal lockdown,  
Quaderni del Dipartimento di Linguistica - Università della Calabria  
N. 28/2020, pp. 103-117.  
ISBN 978-88-255-4133-5

- 2021 Saller, D, Hennebold, C & Kumova BI (2020)  
**Detecting Causalities in Production Environments using Time Lag Identification with Cross-Correlation in Production State Time Series**  
Conference paper at 19th International Conference, ICAISC 2020 Zakopane, Poland, October 12–14, 2020, published in Springer Lecture Notes in Computer Science (LNCS),  
Artificial Intelligence and Soft Computing Part II (2020), Eds. Rutkowski, Scherer, Korytkowski, Pedrycz, Tadeusiewicz, Zurada, pp. 243-252  
[https://doi.org/10.1007/978-3-030-61534-5\\_22](https://doi.org/10.1007/978-3-030-61534-5_22) ■

Mosbach, den 17. Februar 2023