

Dr. André Bauer

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ACADEMIC CAREER

Associated researcher

ARGONNE NATIONAL LABORATORY

Lemont, United States

since January 2023

Postdoctoral researcher (Prof. Foster)

UNIVERSITY OF CHICAGO

Chicago, United States

since November 2022

- Supervision of Ph.D. students
- Establishment of collaborations

Habilitation

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

since July 2022

Research group leader (Prof. Kounev)

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

January 2021 — October 2022

- Supervision of students
 - 4 PhD students (co-supervision)
 - 5 Bachelor students
 - 4 Master students
- Establishment of collaborations
- Support for teaching
- Acquisition of third-party funding

Research assistant

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

October 2016 — December 2020

- Supervision of students
 - 14 Bachelor students (University of Würzburg)
 - 3 Master students (University of Würzburg)
- Establishment of collaborations
- Support for teaching

SCHOOL & ACADEMIC EDUCATION

Doctoral candidate, Dr. rer. nat. (Computer Science)

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

October 2016 — December 2020

- **Dissertation** “Automated Hybrid Time Series Forecasting: Design, Benchmarking, and Use Cases”
- **Advisor** Prof. Dr. Samuel Kounev
- **Grade** Summa cum laude (1.0) — *Disputation December 22, 2020*

Master of Science in Computer Science

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

October 2014 — September 2016

Semester abroad (Erasmus program)

BLEKINGE INSTITUTE OF TECHNOLOGY

Karlskrona, Sweden

August 2015 — January 2016

Bachelor of Science in Computer Science

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

October 2012 — October 2014

AWARDS & SCHOLARSHIPS

2023 SPECTacular Award

SPEC

Gainesville, United States

February 2023

Leadership Academy Fellowship

GERMAN SCHOLARS ORGANIZATION

Berlin, Germany

January 2023

SPEC Kaivalya Dixit Distinguished Dissertation Award

SPEC

Gainesville, United States

April 2022

Distinguished Dissertation Award

FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Würzburg, Germany

July 2021

Dissertation Award

UNTERFRÄNKISCHE GEDENKJAHRSTIFTUNG FÜR WISSENSCHAFT

Würzburg, Germany

May 2021

Summa cum laude

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

December 2020

Winner of the FameLab State of Bavaria final

BRITISH COUNCIL

Regensburg, Germany

March 2020

Sokrates/Erasmus Grant

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

August 2015 — January 2016

Deutschlandstipendium

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

October 2014 — September 2015

Oskar-Karl-Forster Grant

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

December 2014

Heinrich-Thein Award

HEINRICH-THEIN-STIFTUNG

Haßfurt, Germany

November 2009

FUNDINGS

Applicant for research grant (322,096 €)

DEUTSCHE FORSCHUNGSGEMEINSCHAFT E.V.

Assistance for industrial project application (27,892 €)

DATEV EG

May 2022 — July 2022

Assistance for industrial project application (66,045 €)

DATEV EG

July 2021 — December 2021

Applicant for Normalverfahren Grant 2021 (3,000 €)

UNIVERSITÄTSBUND WÜRZBURG

April 2021

SCIENCE COMMUNICATION

21st Stuttgart Science Slam

LUUPS

Stuttgart, Germany

October 2022

FameLab State of Bavaria final

BRITISH COUNCIL

Regensburg, Germany

March 2021

6th Alumni-Science Slam

UNIVERSITY OF WÜRZBURG

Würzburg, Germany

November 2020

FameLab German final

BRITISH COUNCIL

Bielefeld, Germany

May 2020

FameLab State of Bavaria final

BRITISH COUNCIL

Regensburg, Germany

March 2020

14th Munich Science Slam

LUUPS

Munich, Germany

February 2020

33rd Dortmund Science Slam

LUUPS

Dortmund, Germany

November 2019

ACADEMIC FUNCTIONS & ROLES

Program committee

INTERNATIONAL CONFERENCE ON DATA SCIENCE TECHNOLOGY AND APPLICATIONS 2023

since March 2023

Program committee

INTERNATIONAL CONFERENCE ON TIME SERIES AND FORECASTING 2023

since February 2023

Program committee

INTERNATIONAL SYMPOSIUM ON CLUSTER, CLOUD AND INTERNET COMPUTING 2023

since November 2022

Organization committee

THE SECOND INTERNATIONAL WORKSHOP ON PERFORMANCE-DATA ANALYTICS AND DATA-MANAGEMENT

October 2022 — February 2023

Program committee

INTERNATIONAL CONFERENCE ON UTILITY AND CLOUD COMPUTING 2022

June 2022 — December 2022

Program committee (posters and demos)

INTERNATIONAL CONFERENCE ON AUTONOMIC COMPUTING AND SELF-ORGANIZING SYSTEMS 2022

June 2022 — September 2022

Program committee

SYMPOSIUM ON SOFTWARE PERFORMANCE 2022

April 2022 — November 2022

Program committee

INTERNATIONAL CONFERENCE ON TIME SERIES AND FORECASTING 2022

April 2022 — July 2022

Organization committee

THE FIRST INTERNATIONAL WORKSHOP ON PERFORMANCE-DATA ANALYTICS AND DATA-MANAGEMENT

October 2021 — April 2022

Founder and chair of the SPEC Predictive Data Analytics Group

SPEC RESEARCH GROUP

since June 2021

Elected editor of the annual newsletter

SPEC RESEARCH GROUP

since April 2017

Elected release manager of the RG Cloud Working Group

SPEC RESEARCH GROUP

October 2018 — May 2021

Program committee (artifact evaluation)

INTERNATIONAL CONFERENCE ON PERFORMANCE ENGINEERING 2020

March 2019 — April 2020

Publicity chair

INTERNATIONAL CONFERENCE ON PERFORMANCE ENGINEERING 2020

November 2018 — April 2020

Program committee

WORKSHOP ON EVALUATIONS AND MEASUREMENTS IN SELF-AWARE COMPUTING SYSTEMS 2019

January 2019 — June 2019

Publicity chair

WORKSHOP ON EVALUATIONS AND MEASUREMENTS IN SELF-AWARE COMPUTING SYSTEMS 2019

January 2019 — June 2019

REVIEWING ACTIVITIES

Journals

- Empirical Software Engineering
- Journal of Systems & Software
- Transactions on Cloud Computing
- Transactions on Services Computing
- Journal of Parallel and Distributed Computing
- Journal of Future Generation Computer Systems
- Transactions on Network and Service Management
- Journal of Systems and Software

November 2022
September 2022
May 2021
February 2020
December 2019
March 2019
November 2018
March 2018

Conferences

- International Symposium on Cluster, Cloud and Internet Computing 2023
- International Conference on Utility and Cloud Computing 2022
- Symposium on Software Performance 2022
- International Conference on Time Series and Forecasting 2022
- International Conference on Distributed Computing Systems 2021
- International Symposium on Software Engineering for Adaptive and Self-Managing Systems 2020
- International Conference on Performance Engineering 2020
- International Middleware Conference 2019
- International Conference on Utility and Cloud Computing 2018
- International Conference on Self-Adaptive and Self-Organizing Systems 2018
- International Symposium on Software Engineering for Adaptive and Self-Managing Systems 2018
- International Conference on Dependable Systems and Networks 2018
- International Conference on Performance Engineering 2018
- International Conference on Self-Adaptive and Self-Organizing Systems 2017
- Symposium on Modelling, Analysis, and Simulation of Computer and Telecommunication Systems 2017
- International Symposium on Software Engineering for Adaptive and Self-Managing Systems 2017
- International Conference on Software Engineering 2017
- International Conference on Performance Engineering 2017

January 2023
October 2022
September 2022
April 2022
February 2021
February 2020
November 2019
June 2019
September 2018
May 2018
February 2018
January 2018
November 2017
June 2017
May 2017
February 2017
January 2017
November 2016

CERTIFICATES

Certificate Academic Teaching (State of Bavaria)

November 2020

Certificate Academic Teaching (University of Würzburg)

December 2019

VOLUNTARY ACTIVITIES

Pen Pal Program

OFFICE OF DIVERSITY AND INCLUSION UNIVERSITY OF CHICAGO

Chicago, United States

since February 2023

Mentoring for students

ALUMNIVEREIN UNIVERSITY OF WÜRZBURG

Würzburg, Germany

November 2019 — October 2022

Supervision of scouts

SCHWARZER HAUFEN WÜRZBURG (BDP E.V.)

Würzburg, Germany

July 2019 — February 2020

Volunteer tutoring

NACHBARSCHAFTSHILFE GROMBÜHL

Würzburg, Germany

September 2013 — September 2014

Student council

FRIEDRICH-FISCHER SCHULE

Schweinfurt, Germany

September 2010 — August 2011

Volunteer fire brigade

FFW HORHAUSEN E.V.

Horhausen, Germany

April 2003 — August 2009

LANGUAGES

German Mother tongue

English Business fluent