Christian Eder

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Research Interests

Symbolic Computation
Computer Algebra
Polynomial System Solving

Links

University

Homepage

Code

msolve

OSCAR

Singular

Github profile

Education

Ph.D. (Dr. rer. nat)
TU Kaiserslautern | Apr. 2012

Diploma (Dipl.-Math.)
TU Kaiserslautern | Dec. 2005

Abitur
Carl-Bosch-Gymnasium
Ludwigshafen | Mar. 2002

Other Tasks

Research Community

Reviewer for several journals

Organization of workshops &
international conferences

Tutor at computer algebra
related summer schools

University

Supervising bachelor and
master theses

Member of study commission

Organization of registration
and assignment of tutorial
classes

Experience

Postdoc at the Forschungsinitiative
TU Kaiserslautern, Germany | Oct. 2019 -
(50% parental leave Feb. 2020 - Feb. 2021)

Substitute Professor
Universität Leipzig, Germany | Apr. 2019 - Sep. 2019

Coordinator of the Working Group Algebra, Geometry and Computer Algebra
TU Kaiserslautern, Germany | Apr. 2016 - Mar. 2019

Postdoc at the Working Group Algebra, Geometry and Computer Algebra
TU Kaiserslautern, Germany | Feb. 2014 - Mar. 2016

Postdoc at the PolSys Team (LIP 6)
Sorbonne Université, Paris, France | Feb. 2013 - Jan. 2014

Research Assistant
TU Kaiserslautern, Germany | Apr. 2011 - Jan. 2013

PhD Student (Scholarship)
TU Kaiserslautern, Germany | Feb. 2009 - Mar. 2011

School Teacher
Carl-Bosch-Gymnasium Ludwigshafen, Germany | Aug. 2006 - Jan. 2009

Research Projects

DFG Collaborative Research Centre TRR 195 – Symbolic Tools in Mathematics and their Application (2nd round)
Aachen, Kaiserslautern, Saarland | Jan. 2021 -

Forschungsinitiative Rheinland-Pfalz – SymbTools
TU Kaiserslautern | Oct. 2019 -

DFG Collaborative Research Centre TRR 195 – Symbolic Tools in Mathematics and their Application (1st round)
Aachen, Kaiserslautern, Saarland | Jan. 2017 - Dec. 2020

DFG Priority Project SPP 1489 – Symbolic Tools in Mathematics and their Application (1st round)
TU Kaiserslautern | Feb. 2014 - Dec. 2016

ANR Exacta (INRIA) – Exact/Certified Computation with Algebraic Systems
Sorbonne Université | Jan. 2010 - Dec. 2013