

Dominic Breit

School of Math. & Comp. Sci.
Heriot-Watt University
Riccarton Edinburgh EH14 4AS – UK
✉ d.breit@hw.ac.uk

Curriculum vitae

Education

- 12/2013 **Habilitation in Mathematics, LMU Munich.**
Award for the best habilitation thesis at LMU Munich
- 10/2009 **PhD in Mathematics, Saarland University, with distinction.**
Award for the best PhD thesis of the Faculty for Mathematics and Computer Science
- 07/2008 **Diploma in Business Administration, Saarland University.**
Best-Diploma Award of the Department of Economics at Saarland University
- 09/2007 **Diploma in Mathematics, Saarland University.**
- 06/2003 **School leaving, Theodor-Heuss-Gymnasium, Sulzbach.**

Employment

- 08/2018– **Heriot-Watt University Edinburgh.**
Associate Professor in the Department of Mathematics
- 10/2014–08/2018 **Heriot-Watt University Edinburgh.**
Lecturer in the Department of Mathematics
- 10/2013–10/2014 **Ludwig-Maximilians-University Munich.**
Substitute of a professorship at the Mathematical Institute
- 10/2012–10/2013 **University of Florence.**
Postdoc fellowship of Leopoldina Academy
- 10/2011–10/2012 **Ludwig-Maximilians-University Munich.**
Assistant lecturer at the Mathematical Institute
- 04/2011–10/2011 **OxPDE, University of Oxford.**
Postdoc fellowship of Humboldt foundation
- 10/2009–04/2011 **Saarland University.**
Assistant lecturer in the Department of Mathematics

Selected publications

- D. Breit, L. Diening & F. Gmeineder: *On the Trace Operator for Functions of bounded \mathbb{A} -Variation*. To appear in **Analysis & PDE**
- D. Breit, E. Feireisl, M. Hofmanová & B. Maslowski: *Stationary solutions to the compressible Navier–Stokes system driven by stochastic forces*. To appear in **Probab. Theory Relat. Fields**
DOI:10.1007/s00440-018-0867-4
- D. Breit, A. Cianchi, L. Diening, T. Kuusi & S. Schwarzacher: *Pointwise Calderón-Zygmund gradient estimates for the p -Laplace system*. **J. Math. Pures Appl.** 114, 146–190. (2018)
- D. Breit & S. Schwarzacher: *Compressible fluids interacting with a linear-elastic shell*. **Arch. Rational Mech. Anal.** 228, 495–562. (2018)
- D. Breit, E. Feireisl & M. Hofmanová: *Incompressible limit for compressible fluids with stochastic forcing*. **Arch. Rational Mech. Anal.** 222, 895–926. (2016)