

Curriculum Vitae

Bangwei She

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Postdoc @ Institute of Mathematics, Czech Academy of Science

Address: Zitna 25, 11567, Praha 1, Prague, Czech Republic

Gender: Male

Birth: Apr.1987, Anhui, China

Citizenship: Chinese

Education

- 2012.03 – 2015.03 Mainz, Germany **Doctor of natural science**
Institute of Mathematics, Johannes Gutenberg-University Mainz
Institute of Mathematics, Waseda University(09.2013 – 03.2014, exchange student)
- 2008.09 – 2011.07 Beijing, China **Master of science**
Institute of Applied Physics and Computational Mathematics
- 2004.09 – 2008.06 Hefei, China **Bachelor of science**
Modern Mechanics, University of Science and Technology of China (USTC)

Position

- 07.2015 – Postdoc, Institute of Mathematics, Czech Academy of Science
03.2015 – 06.2015 Postdoc, Institute of Mathematics, University of Mainz

Research Interests

- computational methods for fluid dynamics
- energy stable scheme; gas kinetic scheme
- Oldroyd-B viscoelastic fluids; two-phase flow; multiscale simulation

Publications

- B. She and G. Zhao. A gas-kinetic scheme for compressible two-phase flow model containing non-conservative products, Chinese Journal of Computational Physics 29(1), 2012, 51–57 (in Chinese).
- M. Lukáčová-Medvid'ová, H. Mizerová, B. She and J. Stebel. Error analysis of the finite element and finite volume methods for some viscoelastic fluids, J. Numer. Math. 24(2), 2016, 105–123.
- M. Lukáčová-Medvid'ová, H. Notsu, B. She. Energy dissipative characteristic schemes for the diffusive Oldroyd-B viscoelastic fluid, Int. J. Numer. Methods Fluids. 81(9), 2016, 523–557.