

## Bastian Oesterle (Dr.-Ing.)

institution University of Stuttgart  
Institute for Structural Mechanics  
Pfaffenwaldring 7  
70569 Stuttgart

phone +49 – 711 – 685 66119

e-mail oesterle@ibb.uni-stuttgart.de

web <https://www.ibb.uni-stuttgart.de>

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### Education and Professional Experience

02/2019 – 03/2019 **Visiting scholar** at the IMDEA Materials Institute and the Technical University of Madrid, Spain, Prof. Ignacio Romero

since 05/2018 **Postdoc and group leader** of the research field *Shells, FEM and IGA* at the Institute for Structural Mechanics, University of Stuttgart, Prof. Dr.-Ing. habil. Manfred Bischoff

04/2018 **Ph.D. in Civil Engineering** (Dr.-Ing., summa cum laude) within the Graduate Academy of the University of Stuttgart (GRADUS),  
Title: *Intrinsically locking-free shell formulations*,  
Examiner: Prof. Dr.-Ing. habil. Manfred Bischoff,  
Co-Examiners: Prof. Dr.-Ing. Laura De Lorenzis, Prof. Dr.-Ing. Dr.-Ing. E.h. Dr. h.c. Ekkehard Ramm

11/2011 – 04/2018 **Research Associate** at the Institute for Structural Mechanics, University of Stuttgart, Prof. Dr.-Ing. habil. Manfred Bischoff

09/2011 **Diploma in Civil Engineering** (Dipl.-Ing., passed with distinction)

10/2010 – 03/2011 **Student assistant** at the Institute of Applied Mechanics (Civil Engineering), Chair I, University of Stuttgart, Prof. Dr.-Ing. Christian Miehe

09/2009 – 04/2010 **Studies abroad**, two terms of Civil Engineering, University of Calgary, Canada

11/2007 – 07/2009 **Student assistant** at the Institute of Applied Mechanics (Civil Engineering), Chair I, University of Stuttgart, Prof. Dr.-Ing. Christian Miehe

10/2006 – 09/2011 **Student of Civil Engineering** at the University of Stuttgart, Germany

06/2005 **General qualification for university entrance**, Königin-Charlotte-Gymnasium, Stuttgart, Germany

### Non-academic Work Experience

09/2008 – 10/2008 Bürkle Fertigteile GmbH & Co. KG, Fellbach, internship

08/2006 – 09/2006 Julius Bach Bauunternehmung GmbH, Stuttgart, internship

06/2006 – 08/2006 Gottlieb Haisch Baugeschäft, Stuttgart, internship

09/2005 – 06/2006 Ev. Kirchengemeinde Fasanenhof, Stuttgart, civil service

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## Curriculum Vitae

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### Honors and Awards

- 02/2021 – 02/2023 **Postdoctoral scholarship** of the Daimler and Benz Foundation (12 awardees all over Germany, from all disciplines)
- 07/2019 **PhD thesis prize** of the Association of Friends of the University of Stuttgart for outstanding scientific achievements (three awardees at the Universität)
- 01/2018 **Publication prize** of the University of Stuttgart 2017 (on awardee from each department)
- 07/2012 **Artur-Fischer-Prize** of the Department of Civil- and Environmental Engineering, University of Stuttgart for exceptional studies in short duration (two awardess)
- 10/2008 – 09/2011 **Tuition fee grant** for the best 5% civil engineering students of the University of Stuttgart

### Memberships

- since 07/2019 Association of Friends of the University of Stuttgart e.V.
- since 05/2018 Freundeskreis Stuttgarter Statik e.V.
- since 04/2017 German Association for Computational Mechanics (GACM)

### Professional Service

- since 11/2020 **Scientific Referee** for the Deutsche Forschungsgemeinschaft (German Research Foundation, DFG)
- since 09/2020 **Core Group Member** in the Young Investigators Committee (EYIC) of the European Community on Computational Methods in Applied Sciences (ECCOMAS)
- since 07/2020 **GACM Representative** in the Young Investigators Committee (EYIC) of the European Community on Computational Methods in Applied Sciences (ECCOMAS)
- since 07/2016 **Scientific Referee** for eight of the leading international journals in computational mechanics

### Institutional Responsibilities

- since 03/2021 **Member** of the working group *Sustainable Department 2*, University of Stuttgart
- since 12/2020 **Member** of the Faculty Search Committee *Fire Safety*, University of Stuttgart
- since 10/2019 **Deputy Member** in the Faculty Committee, Department of Civil- and Environmental Engineering, University of Stuttgart
- 10/2019 – 04/2021 **Member** of the Faculty Search Committee *Robotic Construction*, University of Stuttgart
- 04/2019 – 12/2019 **Member** of the Faculty Search Committee *Digitalization in Construction*, University of Stuttgart

### Software and Programming

- Admin. Software MS Office
- LaTeX TeXlipse, Sublime Text
- FE Software Ansys, LS-DYNA, ABAQUS
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## Curriculum Vitae

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CAD Software      Rhino, Auto-CAD

Programming      C++, MATLAB, Maple

### Languages

German              first language

English             fluent in spoken and written

French               basic knowledge

Spanish              basic knowledge

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