

Caroline Lasser, Professor for Numerics of Partial Differential Equations (W2)

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Date/place of birth: 5th January 1975, München, Germany
 family status: married, two children
 Nationality: German

Research topics Numerical analysis and scientific computing of
 mesh-free techniques for high-dimensional quantum
 dynamics in complex molecular systems

Education

2000–2004 PhD in Mathematics, TU München (with F. Bornemann)
 2000 Studies at the Courant Institute, NYU,
 scholarship of *Studienstiftung des deutschen Volkes*
 1999 Diploma thesis in Mathematics, LMU München (with H. Kalf)

Professional experience

2010–present Professor (W2), TU München
 2008–2010 Professor (W2), FU Berlin
 2005–2008 Head of Junior Research Group, FU Berlin
 2004–2005 Research Assistant (C1), TU München
 2000–2004 Research Scientist, TU München

Honors and awards

2021–2023 Core programme member, Centre for Advanced Study, Oslo
 2020 Guest professor, Ecole de Ponts Paris Tech
 2019 Programme member, Newton Institute, Cambridge
 2018 Gauß-Vorlesung, *Deutsche Mathematiker-Vereinigung*
 Certificate of Excellence in Teaching, TU München
 2010 Konrad-Zuse-Fellow, Zuse Institute Berlin
 2009 Visiting professor, Université Paris 12
 Offer professor (W2), LMU München
 2005 Offer lecturer, Bristol
 Offer ass. professor (tenure track), Virginia Tech
 2004 Long term visitor, Warwick University
 PhD award, *Bund der Freunde der TU München*
 2003 general programme member, MSRI, Berkeley

Research organization

2010–present	member of various commissions at TU München
2023	CAS workshop (Oslo)
2021	Lorentz workshop (Leiden)
2020–2021	2 CIRM workshops (Marseille)
2019	Project leader for 80 Prime CNRS
2019	Oberwolfach workshop
2017	Invited minisymposium at SciCADE 2017
2015	Oberwolfach workshop
2014	Oberwolfach seminar
2013	Section at 18th ÖMG Congress & DMV Meeting
2012–2014	(deputy) speaker, graduate school mathematics
2009	IPAM Conference, Los Angeles
2008–2010	Coordination committee, CSS, FU Berlin
2007–2010	Admissions committee, Berlin Mathematical School

Supervision

7 completed, 2 ongoing PhD theses
21 Master, 4 Diploma theses
more than 50 Bachelor theses