

asso. Prof. Dipl.-Ing. Lukas Einkemmer, PhD MSc BSc

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Prizes & Awards

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| 2016 | Prize of the state capital Innsbruck for scientific research |
| 2015 | SciCADE New Talent Award |
| 2014 | Oberwolfach Leibniz Graduate Student |
| 2013 | Heidelberg Laureate Forum |
| 2013 | Appreciation award of the federal minister for science |
| 2013 | Marshall Plan Scholarship |
| 2007–2014 | Achievement based scholarship of the University of Innsbruck |
| 2012 | PhD scholarship of the University of Innsbruck |
| 2012 | Master theses supported by the Science fund of the Tiroler Landesregierung |
| 2008 | Joint study scholarship |

Research projects

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| 2019 | Exponential integrators for problems in magnetohydrodynamics
Austrian Science Fund (FWF) |
| 2016 | Exponential integrators for problems in magnetohydrodynamics
Nachwuchsförderung |
| 2016 | New methods for the solution of the inhomogeneous Vlasov equation
Co-author, Friedrich Schiedel Stiftung für Energietechnik |
| 2015 | Exponential integrators for modern many-core architectures
Co-author, TWF project |
| 2014 | High-resolution numerical schemes for hyperbolic conservation laws, and
their performance on modern HPC architectures
Co-author, VSC school project |
| 2014 | Splitting Methods for the Vlasov-Poisson and Vlasov-Maxwell Equations
One million core-hours on the VSC-2 |
| 2013 | Splitting methods for the Vlasov-Poisson and Vlasov-Maxwell equations
Co-author, FWF project |

Publications

A list of scientific publications can be found at <http://www.einkemmer.net/publications.html>

Education

2017	Habilitation in mathematics University of Innsbruck
2011–2014	PhD in mathematics University of Innsbruck, University of California Merced (research stay) graduation with excellent success
2010–2011	Dipl.-Ing. in applied mathematics University of Innsbruck graduation with excellent success
2010–2013	MSc in physics (theoretical quantum physics) University of Innsbruck
2007–2010	BSc in applied mathematics University of Innsbruck, University of New Orleans (joint study program) graduation with excellent success
2007	English language training school Boston, United States of America
2001–2006	Higher Technical Institute in electrical engineering HTL Anichstraße, Innsbruck graduation with excellent success
1997–2001	Grammar school, BG/BRG Sillgasse, Innsbruck
1992–1997	Elementary school, Völs

Employment

Since 2017	University of Tübingen Scientific staff
Since 2017	University of Innsbruck Associate Professor
2016–2017	University of Innsbruck Tenure track position
2014–2015	University of Innsbruck/Austrian Science Fund (FWF) Postdoctoral researcher
2013–2014	University of Innsbruck/Austrian Science Fund (FWF) PhD position
2009–2013	University of Innsbruck, Institute of Mathematics Teaching position
2011	Bartenbach GPGPU training
2010	University of Innsbruck Project collaboration (Java applets)
2006–2007	Austrian Red Cross Civil service
2003–2005 (Summer)	World-Direct.at eBusiness Solutions GmbH Web programming

Misc

Since 2011	Member of the association of American football officials in Austria
2011	21st Vojtech Jarnik International Mathematical Competition Ostrava
2010	17th International Mathematics Competition (honorable mention) Blagoevgrad
2009	16th International Mathematics Competition (honorable mention) Budapest