

## Eivind Fonn

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- EDUCATION**
- Ph.D.*, applied mathematics 2009-09 → 2013-11  
ETH Zürich, Zürich, Switzerland  
Solving high-dimensional kinetic transport equations, bridging the “curse of dimensionality”. Particular focus on Shearlet frames and the Boltzmann equation.
- Master of Technology*, industrial mathematics 2004-08 → 2009-06  
NTNU, Trondheim, Norway  
Specialisation in numerical analysis and differential geometry.
- PUBLICATIONS**
- Approximation in space and velocity for kinetic transport equations.  
E. Fonn. *Dissertation, ETH Zürich, 2014.*  
10.3929/ethz-a-010060219
- Polar spectral scheme for the spatially homogeneous Boltzmann equation.  
E. Fonn, P. Grohs and R. Hiptmair. *Technical report, SAM, ETH Zürich, 2014.*
- Hyperbolic cross approximation for the spatially homogeneous Boltzmann equation.  
E. Fonn, P. Grohs and R. Hiptmair. *IMA Journal of Numerical Analysis, 2014.*  
10.1093/imanum/dru042
- AWARDS**
- Winnie and Ragnar Mathisen’s award for best student of technology or architecture in the 2009 graduating class at NTNU.
  - The Norwegian Computing Centre’s award for best master thesis in mathematics or ICT at NTNU in 2008/09.
  - The Stubban award for the most promising master candidate in mathematics at NTNU among the 2009 graduating class.