Type Theory

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Short CV

1994–	Studying Computer Science at Ludwig-Maximilians-University Munich (LMU)
1999	Diploma (supervisor: Thorsten Altenkirch)
1999–	Doctoral studies at LMU
2000-01	Research stay at Carnegie-Mellon-University, Pittsburgh (advisor: Frank Pfenning)
2004-05	Postdoc at Chalmers, Gothenburg (Coquand, Dybjer, Hughes, Sheeran)
2005-13	Assistent to Martin Hofmann at LMU
2006	PhD (Dr. rer. nat.) from LMU (supervisor: Martin Hofmann)
2009-10	Research stay at INRIA/PPS, Paris, France (Curien, Herbelin)
2013	Habilitation at LMU
2013–	Senior Lecturer at Gothenburg University

Overview (tentative)

- Natural Deduction and the Curry-Howard Isomorphism
- Dependent Types
- Dependently-Typed Coding in Agda
- Metatheory of Dependent Types
- Coinduction

Installing Agda

- Short instructions on course page
  http://www.cse.chalmers.se/~abela/eafit2017/
- More infos on the Agda Wiki
- Very incomplete reference manual on http://agda.readthedocs.io