

# Eduard A. Nigsch

## Curriculum Vitae

Wolfgang Pauli Institute  
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## Personal Information

Date and Place of Birth 10 March 1983, Feldkirch, Austria  
Nationality Austrian  
Legal status Married, 3 children (aged 11, 9, 5)  
Languages spoken German, English, French, Spanish

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## Academic Career

2016 **Habilitation**, *University of Vienna*.  
Habilitation for Mathematics.  
2006 – 2010 **Dr. rer. nat.**, *University of Vienna*.  
Dissertation in Mathematics. Supervisor: Michael Kunzinger.  
2001 – 2006 **Dipl.-Ing.**, *Vienna University of Technology*.  
Studies of technical mathematics in the natural sciences.

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## Academic Employment

since April 2016 **Research assistant**, *Wolfgang Pauli Institute*.  
Project P26859 (FWF), Principal investigator.  
May 2015 – March 2016 **Research assistant**, *University of Vienna*.  
Project P23714 (FWF), Principal investigator: M. Grosser.  
Jun. 2014 – Apr. 2015 **Research assistant**, *Wolfgang Pauli Institute*.  
Project P26859 (FWF), Principal investigator.  
Mar. 2014 – May 2014 **Research assistant**, *Wolfgang Pauli Institute*.  
Project P25064 (FWF), Principal investigator: R. Popovych.  
Aug. 2011 – Feb. 2014 **Research assistant**, *University of Vienna*.  
Project P23714 (FWF), Principal investigator: M. Grosser.  
Jan. 2011 – Aug. 2011 **Research assistant**, *University of Vienna*.  
Project P20525 (FWF), Principal investigator: M. Kunzinger.  
Nov. 2008 – Dec. 2009 **Paternity leave**.  
Dec. 2006 – Dec. 2010 **Research assistant**, *University of Vienna*.  
Initiativkolleg "Differential Geometry and Lie Groups", Leader: P. Michor.  
Dec. 2006 – Dec. 2010 **Research assistant**, *University of Vienna*.  
Projekt Y237 (FWF), Principal investigator: M. Kunzinger.

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## Research Grants

- FWF Project P26859 (2014 – 2017) "Colombeau Algebras: Structure Theory and Regularity", Grant amount: € 337.412,88.

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## Conference Talks

- A life in Mathematics - Generalized functions, microlocal analysis, PDEs and dynamical systems. Conference in Memory of Todor V. Gramchev. 1-3 February 2017, Torino, Italy.
- International Conference on Generalised Functions (GF2016). September 4 – 9, 2016, Dubrovnik, Croatia.
- WING 2016, June 29 – July 3, 2016, Innsbruck, Austria.
- International Conference on Generalized Functions (GF2014). September 8 – 12, 2014, Southampton, England (plenary speaker).
- 9th International ISAAC Congress. August 5–9, 2013, Krakow, Poland.
- Generalized Functions and Non-Linear Problems. July 10–13, 2013, Campinas, Brasil (invited speaker).
- Topics in PDE, Microlocal and Time-frequency Analysis (PDEMTA). September 3–8, 2012, Novi Sad, Serbia.
- International Conference on Generalized Functions, Linear and Non-Linear Problems (GF2011). April 18–22, 2011, Martinique, France.
- International Conference on Generalized Functions (GF2009). August 31 – 4 September, 2009, Vienna, Austria.

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## Main research areas

- Algebras of generalized functions
- Distribution theory
- Topological tensor products
- Non-smooth differential geometry
- Regularity structures