

Education

- 2018–2021 **PhD in Technical Mathematics**,
Topic: Stochastic PDEs with cross-diffusion effects,
Supervisor: Univ.-Prof. Dr. Ansgar Jüngel.
Technische Universität Wien
- 2016–2017 **Dipl.-Ing. (MSc.) in Technical Mathematics**,
Master thesis: The stochastic heat equation in two dimensions and its connection to self-intersection local time,
Supervisor: Univ.-Prof. Dr. Thorsten Rheinländer.
Technische Universität Wien
- 2011–2016 **B.Sc. in Technical Mathematics**,
Bachelor thesis: Classical mechanics on symplectic manifolds.
Technische Universität Wien
- 2010–2011 **Bachelor of Business Administration, Dual Degree**.
Graduate School of Business Studies Belgrade
- 2009–2011 **B.A., Global Business and International Relations**.
International University Vienna

Academic Visits

- 2019 **Technical University of Munich**, *research visit*.
- 2018 **Technical University of Munich**, *research visit*.
- 2016 **KTH Stockholm**, *Erasmus program*.
- 2009 **Harvard University**, *Exchange student*, International relations.

Publications and Preprints

1. G. Dhariwal, F. Huber, A. Jüngel. *Global martingale solutions for the stochastic Shigesade-Kawasaki-Teramoto population model*. submitted for publication. 2021.
2. G. Dhariwal, F. Huber, A. Neamtu. *On the Equivalence of Pathwise Mild and Weak Solutions For Quasilinear SPDEs*. Stochastic Analysis and Applications. 2020.
3. G. Dhariwal, F. Huber, A. Jüngel, C. Kuehn, A. Neamtu *Global martingale solutions for quasilinear SPDEs via the boundedness-by-entropy method*. Annales de l'Institut Henri Poincaré (B) Probability and Statistics. Vol. 57, No. 1, 577–602 (2021)

Academic Services

- 2019 **Conference Co-Organiser of the Symposium ViZuS - Vienna-Zurich Symposium for young researchers in Financial Mathematics and related fields**.

Talks and Presentations

- Bernoulli-IMS One World Symposium 2020**, *Global Martingale Solutions for Quasilinear SPDEs via the Boundedness-by-entropy method*, 2020, Online.
Contributed Talk

PDE Afternoon Vienna, *Global Martingale Solutions for Quasilinear SPDEs via the Boundedness-by-entropy method*, 2019, Vienna.

Invited Talk

Touch down of stochastic analysis in Bielefeld, *Global Martingale Solutions for Quasilinear SPDEs via the Boundedness-by-entropy method*, 2019, Bielefeld.

Poster Presentation

Conference in Stochastic Analysis and Applications, *Global Martingale Solutions for Quasilinear SPDEs via the Boundedness-by-entropy method*, 2019, Risor, Norway.

Poster Presentation

Recents Trends in Stochastic Analysis and SPDEs, *Global Martingale Solutions for Quasilinear SPDEs via the Boundedness-by-entropy method*, 2019, Pisa, Italy.

Poster Presentation

Conferences and summer schools

ViZuS - Vienna-Zurich Symposium for young researchers in Financial Mathematics and related fields, 2019.

Vienna, Austria

Vienna Congress on Mathematical Finance, 2019.

Vienna, Austria

Sarajevo Stochastic Analysis Winter School, 2019.

Sarajevo, Bosnia and Herzegovina

IST Austria Summer School in Probability and Mathematical Physics, 2018.

Klosterneuburg, Austria

Conference on Stochastic Partial Differential Equations, 2018.

Marseille, France

Teaching experience

2020 **Computational Finance**, *Exercise Class Organiser/Leader*, Technische Universität Wien.

2018 **Computational Finance**, *Exercise Class Organiser/Leader*, Technische Universität Wien.

Technical Skills

Programming -languages	Python	Advanced
	R	Basic
	Matlab	Basic
	C	Basic
Machine Learning Frameworks	Tensorflow/Keras, PyTorch, scikit-learn	
GitHub	https://github.com/FlorianHuber-Math	

Languages

German	Native
English	Fluent
Italian	Intermediate
Swedish	Beginner