

Guy Fabrice, Foghem Gounoue

Date of birth: 13/09/1992 Nationality: Cameroonian Email: guy.gounoue[**at**]math.uni-bielefeld.de/ guy.gounoue[**at**]aims-cameroon.org

Education

o 2016 – 2020: PhD Student at Bielefeld University in Germany. Under the Graduate school: International Research Training Group (IRTG 2235). Thesis: L^2 -Theory For Nonlocal Operators On Domains.

Advisor: Prof.Dr. Moritz Kassmann

- 2015 2016: (Student at Aims-Cameroon) M.Sc.Taught at African Institute for Mathematical Sciences (AIMS) Cameroon. Thesis: Delaunay-type Interfaces In A Screened Model Of Diblock Copolymer Melts. Supervisor: Prof. Mouhamed Moustapha Fall
- 2013 2015: (Higher teacher's training college of Yaounde I) M.Sc. Teaching in Mathematics (Second Master); DIPES II (Secondary Education Teaching Diploma). Thesis: Hardy-Littlewood-Sobolev Inequality. Supervisor: Dr. Ph.D. Fidele Ciake Ciake.
- **2012 2015** (University of Yaounde I)M.Sc.Research Degree In Mathematics(First Master); University of Yaoundé I Thesis :Sharp Estimates of the Bergman Projection in the unit disk. Supervisor: Dr. Ph.D. Edgar Tchoundja.
- o 2009 2012 (University of Yaounde I) Bachelor degree in mathematics.

Conferences & Workshops

- February 24-26, 2020, Bielefeld, Workshop: Eighth Bielefeld-SNU Joint Workshop in Mathematics. **Poster**: Neumann problem for nonlocal operators.
- June 10-16, 2019, Wuppertal, Final workshop: 22nd Internet seminar Ergodic Theorems Talk: Mixing Dynamical System and their Probabilistic interpretation.
- May, 20-24, 2019, Bedlewo (Poland), Conference: Analysis and Probability 2019.
 Poster: Mosco convergence of nonlocal to local quadratics forms.
- March 25-29, 2019, Bielefeld University, Conference: Analysis of nonlocal and noonsmooth models. **Poster**: Mosco convergence of Nonlocal to local quadratics forms.
- February 26- March 01, 2019, Bielefeld, Workshop: Seventh Bielefeld-SNU Joint Workshop in Mathematics.

Talk: Mosco convergence of nonlocal to local quadratics forms.

- February, 18-22, 2019, Mbour (Aims-Senegal), Spring School: Spring School on Local and Nonlocal Elliptic and geometry problems.
- February 11 -13, 2019, Noderney, Workshop: Second IRTG (International Research Training Group) 2235 retreat.
- November 07 08, 2018, Paderborn University, Winter school: Westphalian Stochastic Day (Westfälischer Stochastiktag).
- September 10 14, 2018, Leipzig(Max Planck institute), Conference: Inverse and Spectral Problems for (Non)-Local Operators.
- September 03 -07, 2018, Bielefeld, Conference: 9th International Conference on Stochastic Analysis and its Applications.
- o March 22 29, 2017, UAM Madrid (Spain), Spring School: Minischool on Recent Trends in PDEs.
- March 15-17, 2018, Seoul, Workshop: Sixth Bielefeld-SNU Joint Workshop in Mathematics.
- o February, 22 25, 2017, Bielefeld, Workshop: Fifth Bielefeld-SNU Joint Workshop in Mathematics.

- February 16 20, 2017, Paderborn, Workshop: First IRTG (International Research Training Group) 2235 retreat.
- October 10 14, 2016, Bielefeld, Conference: Stochastic Partial Differential Equations and Related Fields.
- o July 10 16, 2016, Limbe (Cameroon), Workshop: Analyse Classique Et Applications III.
- September 08-15, 2014. Yaounde I (Cameroon), Conference: 20th edition GIRAGA (Inter-African Research Group In Analysis Geometry And Applications).

Research stays at other institutions

- Exchange stay in Seoul National University, from March 2018 to August 2018.
- 22nd Internet seminar on Ergodic Theorems. Course phase: October 2018 February 2019, Project phase: March-June 2019 and Workshop phase: 10-16 June 2019, Wuppertal. https://ergodic.mathematik.uni-leipzig.de/t/welcome-to-the-22nd-internetseminar/52.

Teaching

- Tutorial: Summer Semester 2017: (240073) Partielle Differentialgleichungen/Partial Differential Equations.
- o Tutorial: Winter Semester 2019/2020: (241484) Topics Lecture: Nonlocal operators.
- o Tutorial: Summer Semester 2020: (240073) Partielle Differentialgleichungen.

Individual publications

Guy Fabrice Foghem Gounoue, Moritz Kassmann, Paul Voigt; Mosco convergence of nonlocal to local quadratic forms, Nonlinear Analysis (2019)(accepted).

Language skills

- o Ghoma la'a /Yogam (Mother tongue)
- French (Native)
- English (Very good) Language of tuition.
- Germany (Completed B.1 level).