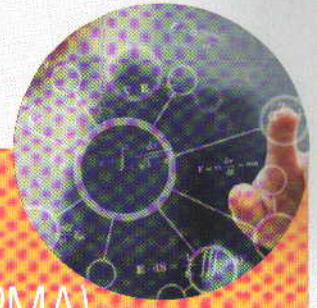# Doctoral Programme in Mathematics and Applications (DPMA)

This programme offers research training at an internationally competitive level in various mathematical disciplines, such as algebra and number theory, geometry and the mathematical theory of quantisation, harmonic and geometric analysis, probability theory and its applications, mathematical finance, and mathematical modelling.

PROGRAMME AT A GLANCE

- **Duration:** 36 to 48 months (20 ECTS)
- **Registration fees:** 200€/semester
- **Language:** English
- **Current number of doctoral candidates:** 23

STRENGTHS

- Close and personal supervision by internationally leading scientists
- Immediate integration into research groups and projects
- Attractive working conditions: competitive salary, travel support, located at Belval campus
- Benefits from the integration into the Doctoral School in Science and Engineering (DSSE)
- Broad offer of disciplinary, interdisciplinary and transferable skills training

ENTRY REQUIREMENTS

- Master's degree in Mathematics or a related subject

CAREER OPPORTUNITIES

Job Profiles

- Research & Development
- Teaching
- Consulting
- Analytics

Job Fields

- Finance, Banking and Insurance
- Information technology
- Data Sciences and Statistics
- Academia
- Public institutions

ADDITIONAL INFORMATION

CONTACT
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CAMPUS
Belval

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"The University of Luxembourg offers a wide spectrum of topics in mathematics, ranging from pure fundamental mathematics to interdisciplinary interactions with computer science, physics, biology and various other disciplines. The working environment is highly inspiring and dynamical, but also convivial."

Jill Marie-Anne Ecker, doctoral candidate