

Curriculum Vitae Vincent Bagayoko

June 2025

(see as pdf)

Positions

2023–2025. FSMP post-doctoral fellow at IMJ-PRG, Paris, in Equipe de Logique Mathématique. With Tamara SERVI.

2022–2023. Post-doctoral position at Universität Konstanz. With Salma KUHLMANN.

Teaching & supervision of students

2024–2025. Supervision of the master thesis of Shaun DEAN (2nd year master student at Universität Konstanz).

2024. Two lectures on spherically complete elementary extensions of $\mathbb{R}_{\text{an}}$, as part of Tamara SERVI’s o-minimality lecture.

2022–2023. Teaching at Universität Konstanz:

- Organising the Fachseminar for Masters students in Konstanz Universität, with Lasse VOGEL.
- Teaching the “Introduction to model theory” lecture for master students.
- Ten lectures on transseries, for PhD students and Mitarbeiter from the Algebra Group at Universität Konstanz.

2019–2021. Supervision of one-month-long **introduction to research internships** for undergraduate students at Université de Mons:

- 2019: Cédric Pilatte, on “Atomic integer parts”.
- 2020: Justin Vast, on “Fields of transseries and surreal numbers”.
- 2021: Maximilien Forte, on “Some problems of arithmetic in valued fields”.

2018. Three months of teaching mathematics in high-school, at Lycée Chevreul, Lyon.

Organisation of events

Conferences

2025. Local organiser: [Logique à Paris 2025](#), Feb 26th–28th, Université Paris Cité, Paris, France.

2024. Local organiser: [Logique à Paris 2024](#), Feb 29th–Mar 2nd, Université Paris Cité, Paris, France.

2023. Local organiser: [Recent Advances in Real Algebra and Model Theory](#), Jun 23rd, Universität Konstanz, Konstanz, Germany.

Seminars

2024–2025. Organiser: [Séminaire Général de Logique de l’IMJ-PRG](#), Mondays at 3:45 pm, Université Paris Cité, Paris, France.

Internships

2018. Master thesis research internship (3 months), “Surreal substructures” with Joris VAN DER HOEVEN, LIX, Palaiseau, France.

2016. Self-organised research internship (2 months), “Algebra and model theory of transseries as a valued differential field” with Mickaël MATUSINSKI, Institut de Mathématiques de Bordeaux, France.

2015. Research internship (1 month) as part of ENS curriculum, “An introduction to o-minimality” with Pierre SIMON, Institut Camille Jordan, Villeurbanne, France.

Studies

2018–2022. PhD at Université de Mons,, and Institut Polytechnique de Paris. Under the supervision of Françoise POINT and Joris VAN DER HOEVEN.

2017–2018. Master’s degree, 2nd year, Mathématiques Fondamentales, ex-Université Paris Diderot.

2016–2017. Prepared and passed the teaching exam Agrégation de mathématiques at Université Claude Bernard.

2015–2016. Master’s degree, 1st year, Mathématiques, Université Claude Bernard, Villeurbanne, France.

2014–2015. Third year of Bachelor in mathematics at ENS de Lyon.

2011–2014. Prep school in mathematics, physics and computer science at Lycée Michel Montaigne, Bordeaux.