# Simon Mirwasser

*PhD Student*

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🖳 *https://lipn.univ-paris13.fr/ mirwasser/*

## CURRENT SITUATION

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| 2022–now | **PhD candidate**, *LIPN, Université Paris 13*, Villetaneuse, <br> Index linear logic by differential operators. <br> Directed by Marie Kerjean and Stefano Guerrini |

## EDUCATION

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| 2020-2021 | **Master 2 of Computer Science**, *ENS Paris-Saclay*, <br> Parisian Master of Research in Computer Science (MPRI). |
| 2019-2020 | **Master 1 of Computer Science**, *ENS Paris-Saclay*, <br> Parisian Master of Research in Computer Science (MPRI). |
| 2018–2019 | **Bachelor of Mathematics**, *ENS Paris-saclay*. |
| 2018–2019 | **Bachelor of Computer Science**, *ENS Paris-saclay*. |

## PUBLICATION

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| 2023 | **Unifying graded linear logic and differential operators**, *FSCD 2023*, <br> with Flavien Breuvart and Marie Kerjean, `https://doi.org/10.4230/LIPIcs.FSCD.2023.21`. |

## EXPERIENCES

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| 2021–2022 | **9 months Research Intership**, *University of Edinburgh*, Scotland, <br> Quantitative semantics and learning. <br> Supervised by Glynn Winskel and Chris Heunen |
| 2021 | **5 months Research Intership**, *LIPN*, Villetaneuse, <br> Categorical models of an indexed differential linear logic. <br> Supervised by Marie Kerjean and Flavien Breuvart |
| 2020 | **5 months Research Intership**, *LSV*, Cachan, <br> A category of implicative algebras. <br> Supervised by Valentin Blot, Alexandre Miquel (IMERL, Uruguay) and Etienne Miquey |
| 2019 | $1^{1/2}$ **months Research Internship**, *LIFO*, Orléans, <br> Transitivity and Minimality of Turing Machines. <br> Supervised by Nicolas Ollinger |

## SKILLS

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| Languages | French (Native speaker), English (Good command C1 (CAE), Spanish (Basic) |
| Programmation | Python, Caml, Assembly, Coq |
| Others | LaTeX, Linux |