# Louis Gass

*PhD student in mathematics*

✉ *louis.gass@ens-rennes.fr*
*25 years old*
*Born at La Garenne Colombes, France*

## Publications and prepublications

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| 2021 | **L. Gass**, *Cumulants asymptotics for the zeros counting measure of real Gaussian processes*, submitted, https://arxiv.org/abs/2112.08247 |
| 2021 | **L. Gass**, *Variance of the number of zeros of dependent Gaussian trigonometric polynomials*, submitted, https://arxiv.org/abs/2103.08002 |
| 2020 | **L. Gass**, *Almost sure asymptotics for Riemannian random waves*, accepted in Bernoulli journal under minor revision, https://arxiv.org/abs/2005.06389 |

## Main talks

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| 2022 | **Seminar of Harmonic Analysis**, *Université de Paris-Saclay* |
| 2021 | **Conference Geometry of random nodal domains**, *Université de Rennes 1* |
| 2021 | **Seminar of Probability**, *Université de Rennes 1* |
| 2021 | **Seminar of Probability and Statistics**, *University of Luxembourg* |

## Education

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| 2019 – 2022 | **PhD in probability**, *Université de Rennes 1 (IRMAR)*, Under the supervision of Jürgen Angst and Guillaume Poly<br>Title of the thesis : On the geometry of random nodal sets. |
| 2018 – 2019 | **Master in fundamental mathematics**, *ENS Rennes and Université de Rennes 1*, Probabilités et EDP |
| 2018 | **Agrégé in mathematics** |
| 2015 – 2017 | **Degree in physics** |
| 2015 – 2016 | **Degree in mathematics** |
| 2015 | **Admitted to the Ecole normale Supérieure de Rennes**, *Section mathematics* |
| 2013 | **Baccalauréat Scientifique**, *Thouars (79)*, with distinction. |

## Teaching

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| 2019 – 2022 | **Instructorship at the ENS Rennes**, 192 hours<br>Probability theory course, complement on Fourier transform, mock oral for the agrégation |

## spoken languages

**French** : mother tongue

**English** : spoken fluently

**German** : basics

## Miscellaneous

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| 2014 | Winner of the mathematical contest **Concours Kangourou post-bac**. |
| 2012 | Winner of the mathematical contest **Grand Jeu IMA**. |