

Gabriel Bliard

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EDUCATION

Humboldt-Universität zu Berlin, Berlin, Germany

- Ph.D student in Theoretical Physics Jul 2019 – Present
 - Thesis: Perturbative and non-perturbative study of correlators in AdS_2/CFT_1
 - Adviser: Dr. Valentina Forini
 - Associated member of RTG 2575 “Rethinking Quantum field theory”

University of Cambridge, Cambridge, England

- MMath in Theoretical Physics and Mathematics, Part III Math Sep 2018 – Jun 2019
 - First Class Honours with Merit
- B.A in Natural Sciences (Physics) Oct 2015 – Jun 2018
 - Triple First Class Honours

Lycée Marc Chagall, Reims, France

- Baccalauréat Scientifique Jul 2014
 - Mention Très Bien, 19.92/20

AWARDS & SCHOLARSHIPS

- Marie-Sklodowska-Curie grant for Early stage researchers 2019
- Horne Prize for Physical Sciences 2018
- Clare College Scholarships 2016-2018

SELECTED PUBLICATIONS

G. Bliard, “Notes on n -point Witten diagrams in AdS_2 ” J. Phys. A: Math. Theor. 55 325401

G. Bliard, I. Costa, V. Forini and A. Patella, “Lattice perturbation theory for the null cusp string” Physical Review D 105, 074507 (2022)

L. Bianchi, G. Bliard, V. Forini and G. Peveri, “Mellin Amplitudes for 1d CFT,” JHEP2021, 95 (2021).

L. Bianchi, G. Bliard, V. Forini, L. Griguolo, and D. Seminara, “Analytic bootstrap and Witten diagrams for the ABJM Wilson line as defect CFT_1 ” JHEP 2020, 143 (2020).

SELECTED TALKS

Double-bootstrap of 1/2 BPS Wilson line in ABJM. Jul 2022
Humboldt Universität Berlin, Germany

Discretising strings and holographic defects Apr 2022
CP3 Odense, Denmark

Mellin Amplitudes for 1D CFT [recording] Jul 2021
Integrability in Gauge and String theory (in-person), Turin, Italy

Three derivations to understand Mellin Formalism May 2021
Università di Parma, Italy

COURSES & SCHOOLS

Topological recursion, matrix models and intersection theory - G. Borot (HU-Berlin) 2021

Young Researcher’s Integrability School (DESY, Hamburg) 2020

Matrix Models - D. Anninos (KCL) 2020

LACES winter school (GGI, Florence) 2019

LANGUAGES

- English: Mother tongue
- French: Father tongue
- Italian: B2 CEFR
- German: B1 CEFR

REFERENCES

- **Dr. Valentina Forini**
- **Prof. Luca Griguolo**
- **Dr. Lorenzo Bianchi**