

BERTRAND EYNARD



bertrand.eynard@gmail.com



Bures sur Yvette (91),
France

[http://
bertrand.eynard.free.fr/](http://bertrand.eynard.free.fr/)



Languages

French - Native
English - Fluency
German - 5 years
Spanish - Good
Arabic - 1,5 years

Skills

Python
Javascript
PhP
C & C++
HTML
Mathematica,
Latex

Teaching

PhD Students - 10
Master Students - 12

Conference and schools

Organization

International Schools - 3
Conferences - 10

Misc.

Climbing:
Mountaineering trainer
Organizing climbing
expeditions

FORMATION & POSITIONS

- Since 1995: **Research Director** @IPHT/CEA/Saclay.
- Since 2021: part-time **CTO** It's Brain, a startup in cognition and data science.
- 2018-2020: Professor teaching Random-Matrix-Theory at university Paris-Saclay.
- 2017-2021: On leave at **IHES** (Institut des Hautes Etudes Scientifiques)
- Since 2013: appointed full member of the **CRM**, Montreal, QC, Canada
- 2010-2011: Research associate at **CERN**.
- 2005: **Habilitation thesis**, University Paris 7.
- 2000-2002: associate member **CRM**, Montréal QC, Canada. Appointed
- 1998-1999: Research assistant Department of Physics and Astronomy, University of British Columbia **UBC**, Vancouver BC, Canada.
- 1997-1998: **TMR EU fellowship** in the Department of Mathematical Sciences, University of Durham, UK.
- 1995-1996: National service as the **Deputy Manager** of the **CEDUST** (Universitary, Scientifical and Technical Documentation Center), French embassy Damascus, Syria.
- 1995-1996: **Chief Editor** « *Nouvelles Scientifiques de France et du Proche Orient* » a bilingual scientific vulgarisation review broadcasted over 10 middle-east countries.
- 1991-1995: **PhD**, Paris 6 University, under the guidance of Professor J. Zinn-Justin: Random matrices and 2D quantum gravity.
- 1990-1991: **DEA** (diploma of advanced studies, Paris 7 University) of theoretical physics, rank 1st
- 1989-1990: 2 **Bachelor** & 2 **Master** in *mathematics and computer science and physics*
- 1989-1994: **Ecole Normale Supérieure** of Paris (entered rank 3rd, Mathematics).

AWARDS AND GRANTS

- **Prizes and awards**
 - 2019 Recipient of the **Bertault Prize** Academie des Sciences France
 - 2019 Laureate of the **ERC Synergie** European Grant 10M€
 - Recipient of the 2015 **Aisenstadt chair**, CRM Montréal Canada
 - 3rd prize at **IMO** (International mathematics olympiads), 1988 Cambera.
 - 3rd prize at **IMO** (International mathematics olympiads), 1987 Cuba.
 - 2nd prize **Concours général** de mathématiques, 1987,
 - regional prize **Concours général** de physique, 1987
 - Winner of the **Polartech Challenge** Grant 1999, as guide of the *Sea-to-Sky* expedition in the St-Elias range in Alaska, with several 1st ascents.
- **Grants & Fellowships: Nato fellowship, TMR EU fellowship**
 - 2 ANR, 3 European Networks, 1 FQRNT, 2 ERC
- **Plenary Invitations:**
 - Invited lecturer (6 hours) at **String-Math** 2017, Hamburg, Germany
 - Invited speaker at **ICM** 2014 in Seoul, Korea
 - Plenary invited speaker at **String-Math** 2014 in Edmonton, Canada
 - Plenary invited speaker at **Stat-Phys** 2010 in Cairns, Australia

PUBLICATION

- **Books:** 1 Monography "counting surfaces", Birkhauser 2016.
- 3 book chapters.
- Over 100 peer reviewed scientific articles
- Scientific Editor or editorial board for 4 scientific journals: RMTA (Random matrices, theory and applications), "Combinatorics, Physics and their Interactions", JSTAT Journal of Statistical Physics, SciPost, Nouvelles Scientifiques de France et du Proche-Orient.