

Dan Israël

Professor in theoretical physics

Date of Birth 28/07/1977. Married, 3 children. French citizenship.

Education

- 2014 **Habilitation Thesis**, *Université Pierre et Marie Curie*
- 2001–2004 **Doctoral Thesis**, *Université Pierre et Marie Curie*, Supervisor: Costas Kounnas, LPTENS
- 2001 **DEA de physique théorique**, *École normale supérieure*, Paris, (*first class honours*)
- 1997–2000 **Master Degree in physics**, *ESPCI ParisTech*, Paris, (*first in my year*)

Positions

Current

- 2024–today **Professor**, *Sorbonne Université*
Laboratoire de physique théorique et hautes énergies

Previous

- 2014–2024 **Maître de conférences (associate professor)**, *Université Pierre et Marie Curie/Sorbonne Université*
Laboratoire de physique théorique et hautes énergies
- 2006–2013 **Maître de conférences (associate professor)**, *Université Pierre et Marie Curie*
Institut d'astrophysique de Paris
- 2004–2006 **Marie–Curie Post-doctoral fellow**, *Hebrew University*, Jerusalem
Racah Institute

Fellowships and awards

- 2022–today **Prime individuelle Ripec**, *Sorbonne Université*
- 2008–2020 **Prime investissement recherche**, *Sorbonne Université*
- 2015–2016 **Six months delegation contract**, CNRS
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- 2005 **Daniel Guinier prize**, *Best PhD in Physics*, Société française de physique

Publications and presentations

35 publications in the best peer-reviewed journals in the field (JHEP, Phys. Rev. D, Nucl. Phys. B,...) plus one preprint, which have been cited more than 850 times (among them 6 at sole author

and 7 with only a student or postdoc of mine). More than 60 invited presentations to present this work, both in research institutes worldwide and in international conferences and workshops (CERN, DAMTP, KITP, Yukawa, McGill, Stony Brook, Imperial College, Amsterdam, Liverpool, Munich, GGI,...).

Student supervision

4 PhD thesis (supervision rate 100%), 6 master thesis at M2 level (supervision rate 100%), 2 M1 internships.

Research contracts

- 2020–2024 **ANR, SMAGP**, PI D. Markouchevitch
- 2017 **EUR project**, *École de physique du cosmos et de ses constituants*, PI, Sorbonne Université
Not founded.
- 2013–2017 **ANR, QHNS**, PI A. Dabholkar
- 2009–2012 **ANR, StringCosmo**, PI D. Langlois
- 2005–2006 **Marie Curie Individual fellowship**

Institutional responsibilities at Sorbonne Université

- 2022–today **Licence de physique intensive SPRINT**, *Head of second year studies*
- 2022–today **Mathematical methods in physics studies working group**, *Coordinator*
- 2015–today **Mathematics and Physics Master 1 Program**, *Founder & coordinator*
- 2022–today **Teaching council**, *Member appointed*, UFR de physique
- 2014–2019 **Laboratory Board**, *Elected member*, LPTHE
- 2014–2019 **Scientific council**, *Member appointed*, Labex Institut Lagrange de Paris
- 2011–2015 **Committee of Experts for particle physics (section 29)**, *Elected member*
- 2009–2014 **Gravity and Cosmology Group (GRECO)**, *Group leader*, Institut d'Astrophysique de Paris

Institutional responsibilities, national level

- 2023–today **Conseil national des universités**, *Elected member*, Board member (assesseur), 29th section
- 2023–today **Commission permanente du Conseil national des universités**, *Elected member*, 6th group
- 2020–2022 **Conseil national des universités**, *Member appointed*, 29th section

Commissions of trust

- 2017–today **Hiring committee**, *lecturer positions*, Sorbonne Université
- 2015–today **Netherlands Organisation for Scientific Research (NWO) and FWF Austrian Science Fund**, *Reviewer*
- 2004 – today **JHEP, Phys. Rev. D and Phys. Rev. Letters**, *Regular reviewer*

Conferences organization

- 2023 **Institut d'été**, *Organizing committee*, École normale supérieure
2016 **(0,2) in Paris conference**, *Main organizer*, Institut Henri Poincaré

Outreach

- 2022–today **Journée des laboratoires**, *Organizer*, UFR de physique, Sorbonne Université
2021–2022 **Fête de la Science**, *PI*, LPTHE, Sorbonne Université
2019 **Le temps à l'échelle de l'Univers**, *Single-authored book*, Hachette editions
2008–today **Interviews (Science et Vie, Science et Avenir,...)**, *Colloquia (French Embassy at Ottawa, Université de Troyes,...)*