

Israël, Dan

Associate professor of theoretical physics

LPTHE, Université Pierre et Marie Curie, Paris, France

Date of Birth: July the 28th, 1977. French citizenship.

URL for web site: www.lpthe.jussieu.fr/~israel/

• EDUCATION

2014 : Habilitation, Department of Physics, Université Pierre et Marie Curie, France

2004 : Doctorate, Department of Physics, Université Pierre et Marie Curie, France

2001 : Master Degree in theoretical physics (first class honours), École Normale Supérieure

2000 : Master Degree in physics (first in my year), ESPCI ParisTech, France

• CURRENT POSITION

2014 – today : Maître de conférences (associate professor), Laboratoire de physique théorique et hautes énergies, Université Pierre et Marie Curie, Paris, France

• PREVIOUS POSITIONS

2006 – 2013 : Maître de conférences, Institut d'astrophysique de Paris, UPMC

2004 – 2006 : Post-doctoral fellow, Hebrew University, Jerusalem (Marie-Curie individual fellowship)

• FELLOWSHIPS AND AWARDS

2015 – 2016 : 6 months delegation contract at Centre national de la recherche scientifique

2009 – today : *Prime d'investissement recherche* (award for involvement in research), UPMC

2009 – 2010 : 18 months delegation contract at Centre national de la recherche scientifique

2004 – 2006 : Marie Curie EIF individual fellowship of the European Union

2004 : *Daniel Guinier* prize of the Société Française de Physique for the best PhD in physics

• RESEARCH CONTRACTS

2013 – 2017 : ANR (programme blanc) QHNS, PI Atish Dabholkar

2009 – 2013 : ANR (programme blanc) *StringCosmo*, PI David Langlois

• INSTITUTIONAL RESPONSIBILITIES

2017- : PI for the project *École de physique du cosmos et de ses constituants*, Écoles Universitaires de Recherche

2015- : coordinator of the new mathematics and physics master program, UPMC

2016 : main organizer of the conference *(0,2) in Paris*, Institut Henri Poincaré

2014 – 2019 : Elected member of the Laboratory Board, LPTHE

2011 – 2015 : Elected member of the Committee of Experts for fundamental physics at UPMC

2009 – 2014 : head of the Gravity and Cosmology Group (GRECO) at Institut d'Astrophysique de Paris (10 permanent researchers)

• COMMISSIONS OF TRUST

2017-2018 : hiring committee, lecturer positions in mathematics, UPMC

2014 – 2019 : Appointed member of the Scientific board of the *Labex* Institut Lagrange de Paris

2015- : reviewer for the Netherlands Organisation for Scientific Research (NWO) and for the FWF Austrian Science Fund

2004 – today : regular reviewer for JHEP, Phys. Rev. D and Phys. Rev. Letters.

Publications

34 publications in the best peer-reviewed journals in the field (JHEP, Phys. Rev. D, Nucl. Phys. B,...) plus one under review, which have been cited more than 715 times (among them 6 at sole author and 7 with only a student or postdoc of mine). I have given more than 50 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, Munich, GGI,...) .

Students supervision

PhD thesis of Yoan Gautier (100 %) about non-geometric compactifications	2017-2020
PhD thesis of Matthieu Sarkis (100 %) about heterotic flux compactifications	2014-2017
PhD thesis of Flavien Kiefer (100 %) about tachyon dynamics; official supervisor Costas Kounnas	2008 - 2012
Master thesis of Yann Proto (100 %) about mirror symmetry	2020
Master thesis of Yoan Gautier (100 %) about non-geometric compactifications	2017
Master thesis of Matthieu Sarkis (100 %) about gauged linear sigma models, CFP Master program	2014
Master thesis of Vincent Thiéry (100 %) about asymmetric Gepner models, CFP Master program	2013
Master thesis of Esteban Herrera-Cordero (100 %) about torsional geometry, HEP Master program of École polytechnique	2012

Some teaching activities

Creation of a new mathematics and physics master program at Sorbonne Université

Graduate course in Advanced Quantum Mechanics, Sorbonne Université

Graduate course in string theory, ICFP master program

Courses in mathematical methods, mechanical and optical waves for undergraduates

Outreach

Interviews (Science et Vie, Science et Avenir,...), colloquia (French Embassy at Ottawa, Université de Troyes,...)

Single-authored book "Le temps à l'échelle de l'Univers", Hachette editions **2019**