

PERSONAL INFORMATION

Gianguido Dall'Agata

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Nationality Italian

PROFESSIONAL EXPERIENCE

February 2016–present Full Professor

(FIS/02: Theoretical Physics and Mathematical Methods), Università degli Studi di Padova, Padova, Italy.

August 2015/September 2015 CNRS Associated Researcher, CPHT, Ecole Polytechnique, Paris, France.

March 2011–January 2016 Professore Associato (FIS/02: Theoretical Physics and Mathematical Methods), Università degli Studi di Padova, Padova, Italy.

Sept. 2009/Jan.–Feb. 2010 CNRS Associated Researcher, LPT, Ecole Normale Supérieure, Paris, France.

October 2006–February 2011 Ricercatore (FIS/02: Theoretical Physics and Mathematical Methods), Università degli Studi di Padova, Padova, Italy.

October 2004–September 2006 CERN Fellowship, CERN, Geneva, Switzerland.

October 2002–September 2004 PostDoctoral Fellowship of the DFG at the Physics Department (Research group of Dieter Lüst) of the von Humboldt University of Berlin, Germany.

October 2000–September 2002 PostDoctoral Fellowship of the EU under RTN contract HPRN-CT-2000-00131 "The quantum structure of spacetime and the geometric nature of fundamental interactions" at the Physics Department (Research group of Dieter Lüst) of the von Humboldt University of Berlin, Germany.

EDUCATION

October 1997–December 2000 Ph. D. in Physics at the Dipartimento di Fisica Teorica, University of Turin, Italy.

TEACHING AND ACADEMIA

Students

Ph.D.

2018/19– [D. Partipilo](#).

2015/16–2017/18 [N. Cribiori](#), then postdoc at TU Wien.

2010/11–2012/13 [G. Inverso](#) (co-advisor with [M. Bianchi](#)), then postdoc at NIKHEF, ITP Lisboa and Queen Mary U. London.

2008/09–2010/11 [A. Gnechchi](#), then postdoc at Utrecht U., Leuven U. and CERN.

Some master and Galilean students [C. Toldo](#), postdoc at CEA Saclay, [M. Baggio](#), PostDoc in Leuven, [G. Zoccarato](#), PostDoc at UPenn, [A. de Angelis](#), Ph.D. student at Queen Mary, [L. Casarin](#), Ph.D. student at AEI Potsdam, [P. Spezzati](#) and [M. Gorghetto](#), Ph.D. students at SISSA.

Academic roles

2016–2018 Coordinator of the Ph.D. Course in Physics (Padova University)

2011–2015 Deputy Coordinator of the Ph.D. School in Physics (Padova University)

2015–today Member of the Physics Department's Directive Board (Padova University)

2011–today Member of the Physics PhD Council of Padova Uni.

MAIN PRIZES AND GRANTS

SIGRAV Prize 2008 Italian Society of General Relativity and gravitational physics prize to investigators under 35 years of age who gave relevant contributions to gravitational physics.

- 2019-2022 Italian Ministry of Research - Unit leader of the PRIN project “Supersymmetry Breaking with Fields, Strings and Branes” (Units Scuola Normale Superiore, Padova, Milano Statale, Milano Bicocca).
- 2012-2016 Italian Ministry of Research - Principal Investigator of the FIR project “String Theory and Fundamental Interactions” (Units Padova and Milano Bicocca).
- 2011-2013 Padova Uni. - University Project - “de Sitter vacua in supergravity and string theory” (PI).

COMMISSIONS OF TRUST

- Editorial Boards Associate Editor of [Int. J. of Geometric Methods in Modern Physics](#).
- Grant Refereeing Referee for the EPSRC, for the Swiss National Science Foundation, for the Belgian FWO, for the Netherlands Organisation for Scientific Research and for the Italian Ministry of Research (SIR grants, Rita Levi Montalcini Grants). Referee for the Italian Research and University Evaluation Agency (ANVUR).

PUBLICATIONS

Detail I published 60 research articles, 13 conference proceedings and a book. To date they received about 4000 inSPIRE citations, 11 papers with more than 100 citations, other 22 with more than 50 citations, for an overall $h = 38$. The full list is available at <https://inspirehep.net/search?ln=en&ln=en&p=a+dall%27agata%2Cg>.

10 Most relevant publications

1. A. Ceresole, G. Dall'Agata, R. D'Auria and S. Ferrara, *Spectrum of type IIB supergravity on $AdS_5 \times T^{11}$: Predictions on $N = 1$ SCFT's*, Phys. Rev. D **61**, 066001 (2000) [[hep-th/9905226](#)].
2. A. Ceresole and G. Dall'Agata, *General matter coupled $N = 2$, $D = 5$ gauged supergravity*, Nucl. Phys. B **585**, 143 (2000) [[hep-th/0004111](#)].
3. G. Dall'Agata, *Type IIB supergravity compactified on a Calabi-Yau manifold with H-fluxes*, JHEP **0111**, 005 (2001), [[hep-th/0107264](#)].
4. G. L. Cardoso, G. Curio, G. Dall'Agata, D. Lüst, P. Manousselis and G. Zoupanos, *Non-Kaehler string backgrounds and their five torsion classes*, Nucl. Phys. B **652**, 5 (2003) [[hep-th/0211118](#)].
5. G. L. Cardoso, G. Curio, G. Dall'Agata and D. Lüst, *BPS action and superpotential for heterotic string compactifications with fluxes*, JHEP **0310** (2003) 004 [[hep-th/0306088](#)].
6. A. Ceresole and G. Dall'Agata, *Flow equations for non-BPS extremal black holes*, JHEP **0703** (2007) 110 [[arXiv:hep-th/0702088](#)].
7. G. Dall'Agata and A. Gnechchi, *Flow equations and attractors for black holes in $N = 2$ $U(1)$ gauged supergravity*, JHEP **1103** (2011) 037 [[arXiv:1012.3756](#) [hep-th]].
8. G. Dall'Agata, G. Inverso and M. Trigiante, *Evidence for a family of $SO(8)$ gauged supergravity theories*, Phys. Rev. Lett. **109** (2012) 201301. [[arXiv:1209.0760](#) [hep-th]].
9. G. Dall'Agata, F. Zwirner, *On sgoldstino-less supergravity models of inflation*, JHEP **1412** (2014) 172 [[arXiv:1411.2605](#) [hep-th]].
10. G. Dall'Agata, E. Dudas and F. Farakos, *On the origin of constrained superfields* JHEP **1605** (2016) 041 [[arXiv:1603.03416](#) [hep-th]].