

VALERIO DOSE - CURRICULUM VITAE (Apr-2021)

Current Positions

Adjunct Professor - LUISS University - Department of Economics and Finance

Education

Ph. D. in Mathematics - University of Rome "Tor Vergata" - February 2015

Master of Mathematics - University of Rome "Tor Vergata" - July 2010

Bachelor of Mathematics - University of Rome "Tor Vergata" - July 2008

Qualifications

France: Qualification - Maître de conférences - Section 25 (Mathématiques) - N. 20225346012 - 21/01/2020

Research Activity

15/02/2018-14/02/2021: Postdoctoral Researcher - LUISS "Guido Carli" - Department of Economics and Finance.

01/10/2016-30/09/2017: Postdoctoral Researcher "Ing. Giorgio Schirillo" - INdAM - Istituto Nazionale di Alta Matematica.

01/09/2015-31/08/2016: Postdoctoral Researcher "Ing. Giorgio Schirillo" - INdAM - Istituto Nazionale di Alta Matematica.

10/2013-12/2013: Visiting at Mathematisch Instituut of Universiteit Leiden, The Netherlands.

03/2012-05/2012: Visiting at Universitat Politècnica de Catalunya (UPC), Barcelona, Spain.

11/2010-02/2015: Ph. D. student - Department of Mathematics, University of Rome "Tor Vergata".

Teaching Activity

02/2021-: Adjunct Professor (Games and Strategies) - LUISS "Guido Carli" - Department of Economics and Finance.

09/2018-: Adjunct Professor (Mathematics 1) - LUISS "Guido Carli" - Department of Economics and Finance.

10/2017-09/2018: Adjunct Professor (Fondamenti di Matematica e Statistica) - "Sapienza" University of Rome - Department of Chemistry and Pharmaceutical Technologies.

10/2017-09/2018: Teaching Assistant (Geometria) - University of Rome "Tor Vergata" - Faculty of Engineering.

10/2017-09/2018: Teaching Assistant (Geometria) - LUISS "Guido Carli"- Department of Business and Management.

10/2014-01/2015: Teaching Assistant (Geometria) - University of Rome "Tor Vergata" - Faculty of Engineering.

10/2014-01/2015: Teaching Assistant (Geometria) - "Sapienza" University of Rome - Faculty of Engineering.

Publications

- R. Cominetti, V. Dose, M. Scarsini. **The Price of Anarchy in Routing Games as a Function of the Demand.** *Accepted in WINE 2019, Abstract published in (LNCS 11920).* Springer. Paper submitted to *Mathematical Programming*.
- V. Dose, P. Mercuri, C. Stirpe. **Double Covers of Cartan Modular Curves.** *J. Number Theory.* **195** (2019), 96-114.
- V. Dose. **On the automorphisms of the non-split Cartan modular curves of prime level.** *Nagoya Math. J.* **224** (2016), no. 1, 74-92.
- V. Dose, J. Fernández, J. González, R. Schoof. **The automorphism group of the non-split Cartan modular curve of level 11.** *J. of Algebra.* **417** (2014), 95-102.
- V. Dose, N. Green, M. Griffin, T. Mao, L. Rolen, J. Willis. **Singular moduli for a distinguished non-holomorphic modular function.** *Proc. Amer. Math. Soc.* **143** (2015), no.3, 965-972.
- V. Dose (written by M. Anwar). **Automorphisms of non-split Cartan modular curves.** *Proceedings of the Roman Number Theory Association.* **1** (2016), no. 1, 17-21. IF PRESS. ISBN: 978-88-6788-077-5

Editorial Activity

Reviewer for: EJOR - European Journal of Operations Research, WINE 2020 - the 16th Conference on Web and Internet Economics.

Participations in Congresses and Presentations

- 12/2020: Annual Meeting PRIN “Algadimar” - online - talk
- 02/2020: 4th AIROYoung Workshop - Free University of Bolzano, Italy - talk
- 12/2019: WINE 2019: The 15th Conference on Web and Internet Economics - Columbia University, New York, USA - talk
- 09/2019: MAPLE2019 - Markets, Algorithms, Prediction, and Learning - Politecnico di Milano, Italy - talk
- 07/2019: Twenty Years of the Price of Anarchy - TUC, Chania, Crete, Greece - poster
- 05/2019: The 1st EUROYoung Workshop - IMUS, Sevilla, Spain - talk
- 12/2018: WINE 2018: The 14th Conference on Web and Internet Economics - University of Oxford, UK - poster
- 06/2017: Thematic Program in Kähler Geometry - University of Notre Dame, Indiana, USA
- 05/2016: Giornate di Geometria Algebrica ed Argomenti Correlati XIII - Università di Catania, Italy - talk
- 09-10/2015: Modular Forms and Curves of Low Genus: Computational Aspects ICERM, Brown University, RI, USA
- 09/2015: Third Italian Number Theory Meeting - Centro di Ricerca Matematica “Ennio de Giorgi”, Scuola Normale Superiore, Pisa, Italy - talk
- 05/2015: The first mini-symposium of the Roman Number Theory Association. Università Europea di Roma, Italy - talk
- 03/2015: Arizona Winter School 2015: Arithmetic and Higher-dimensional Varieties - University of Arizona, Tucson, USA
- 03/2013: Arizona Winter School 2013: Modular forms and modular curves - University of Arizona, Tucson, USA
- 06/2012: Contemporary methods for solving Diophantine equations - Banff International Research Station, Banff, Canada
- 07/2011: ACAGM Summer School - Katholieke Universiteit, Leuven, Belgium
- 06-07/2011: “Birch and Swinnerton-Dyer conjecture” summer school - Porto Conte Ricerche, Alghero, Italy