

Curriculum Vitae

Vincenzo Dimonte

December 21, 2018

Education

2nd February 2010 Dottorato (PhD), Università di Torino. Thesis: “Elementary Embeddings Beyond $L(V_{\lambda+1})$ ”, Supervisors Prof. H. Woodin and Prof. A. Andretta.

2006 Laurea magistrale (Second level degree, ISCED 5a), Università di Udine. Grade: 110/110 e lode. Thesis title: “Determinatezza boreliana ed analitica” (Borel and Analytic Determinacy), Supervisor Prof. A. Marcone.

Awards, Honours and Grant Projects

2016 Recruitment in the program for young researchers “Rita Levi Montalcini”, leader of the project, 185,373.66 euro.

(Was awarded also the “Rita Levi Montalcini” for 2017, but considered ineligible because already enrolled).

2015 FWF Einzelprojekt grant, leader of the project P 27815-N25 “The Strength of Very Large Cardinals”, 222,568.50 euro.

2013 FWF Lise-Meitner grant, leader of the project M 1514-N25 “The Universe under Very Large Cardinal Hypotheses”, 133,360.00 euro.

2006 Aila Award 3+2 for the best Italian degree thesis in Logic of the year.

2001-2004 Scholarship of the INdAM, Istituto Nazionale di Alta Matematica.

2000 Second Place in Provincial Mathematics Olympics, admission to National Mathematics Olympics.

Professional Activities

Enrolled as Researcher (Type B) at the Department of

Mathematics, Computer Science and Physics at the Università di Udine, from 4th July 2016 to 3th July 2019.

Enrolled as a Senior Post-doc at Kurt Gödel Research Center in Vienna from 1st April 2015 to 30th June 2018, under Einzelprojekt grant.

Enrolled as a Senior Post-Doc at Technisches Universität, Vienna, from 1st April 2013 to 31st March 2015, under Lise-Meitner grant.

Enrolled as a Post-Doc at Kurt Gödel Research Center in Vienna from 1st March 2010 to 28th February 2013 under Prof. Sy Friedman's projects:

- FWF Proj.No. P 21968
- FWF Proj.No. P 22430
- FWF Proj.No. P 23316

2018 Member of the organizing committee for the Logic Colloquium 2018, Udine.

2014 Research Associate appointment at Harvard University.

2014-present Reviewer for the American Mathematical Society.

2011-present Referee for The Journal of Symbolic Logic, the Archive for Mathematical Logic and Open Mathematics.

2006 Tutor at the Sciences Faculty, University of Udine.

Research Visits

2018/04 Research visit at Kurt Gödel Research Center, Austria.

2018/03 Research visit at Università di Torino, Italy.

2017/03 Research visit at Università di Torino, Italy.

2016/05 Research visit at Beijing Normal University, China.

2014 Research Associate appointment at Harvard University.

2013/10 Research visit at Beijing Normal University, China.

2008 Research Visit at the University of California, Berkeley, USA (6 months).

Conferences

2018/12 Cantor meets Robinson. Set Theory, Model Theory and their Philosophy. Contributed talk.

2018/11 RIMS Set Theory Workshop, Kyoto, Japan. Contributed talk.

2018/09 UMI-SIMAI-PTM Joint Meeting 2018, Wrocław, Poland. Contributed talk.

2018/09 Set theory today. A conference in honor of Georg Cantor, Vienna, Austria. Contributed talk.

2018/08 KNAW Academy Colloquium “Generalised Baire Spaces”, Amsterdam, The Netherlands. Contributed talk.

2018/02 IIM 2018 - Incontro Italiano Insiemi e Modelli 2018

2017/09 XXVII incontro dell’Associazione Italiana di Logica e sue Applicazioni, Padova, Italy. Contributed talk.

2017/08 A conference on the occasion of Ronald B. Jensen’s 80th birthday, Muenster, Germany.

2017/07 6th European Set Theory Conference, Budapest, Hungary

2016/11 Workshop on the Application of Strong Logic in Other Areas of Mathematics, Barcelona, Spain.

2016/05 2016 Chinese Mathematical Logic Conference, Shanghai, China. Contributed talk.

2016/03 27th Nordic Congress of Mathematicians, Logic session, Stockholm, Sweden.

2015/10 Young Set Theory Workshop, Jerusalem, Israel.

2015/09 Mini-symposium in Set Theory at DMV2015. **Invited Speaker.**

2015/09 XX Congresso dell’Unione Matematica Italiana, Italy. Contributed Talk.

2015/08 5th European Set Theory Conference, Cambridge, UK. Contributed talk.

2015/04 Sets and Computations Program, Institute for Mathematical Sciences, National University of Singapore, Singapore. **Invited Speaker.**

2015/03 Conference in honor of Hugh Woodin's 60th Birthday, Harvard University, Cambridge, USA.

2014/11 Workshop on Mathematical Logic on the Occasion of Sakae Fuchino's 60th Birthday, Kobe, Japan. Contributed talk.

2014/04 XXV incontro dell'Associazione Italiana di Logica e sue Applicazioni, Pisa, Italy. Contributed talk.

2014/03 INFTY Final Conference, Bonn, Germany. Contributed talk.

2013/09 ESI workshop on large cardinals and descriptive set theory, Vienna, Austria.

2013/09 RIMS Set Theory Workshop, Kyoto, Japan. Contributed talk.

2013/07 ESF Fourth Set Theory Conference, Mon st Benet, Spain. Contributed Talk.

2013/06 Young Set Theory Workshop, Oropa, Italy. Poster session.

2012/05 Young Set Theory Workshop, Luminy, France.

2012/01 Joint FWF-JSPS Seminar on Forcing in Set Theory, Kobe, Japan. **Invited Speaker.**

2011/09 XIX Congresso dell'Unione Matematica Italiana, Italy. Contributed Talk.

2011/07 Logic Colloquium 2011, Barcelona, Spain. Contributed Talk.

2011/07 ESF Third European Set Theory Conference, Edinburgh, UK.

2011/03 Young Set Theory Workshop, K onigswinter, Germany.

2009/06 ESI workshop on large cardinals and descriptive set theory, Vienna, Austria. **Invited Speaker.**

2009/04 Young Set Theory Workshop, Bellaterra, Spain.

2007/06 Troisi me atelier de formation de Mathlogaps, Aussois, France

2006/07 AILA Logic Summer School, Gargnano, Italy.

2004/08 SMI Summer Course in Mathematics, Perugia, Italy.

Publications

V. Dimonte, *LD-algebras beyond I0* (accepted in Notre Dame Journal of Formal Logic).

A. Andretta, V. Dimonte, *The iterability hierarchy above I3*, Archive for Mathematical Logic (2018) <https://doi.org/10.1007/s00153-018-0624-5>.

V. Dimonte, *The *-Prikrý Property*, Reports on Mathematical Logic **53** (2018), 111–142.

V. Dimonte, *I0 and rank-into-rank axioms*, Bollettino dell'Unione Matematica Italiana **11** (2018), 315–361.

V. Dimonte, *Generic I0 at \aleph_ω* , Mathematical Logic Quarterly **64** (2018), 118–132.

V. Dimonte, L. Wu, *A general tool for consistency results related to I1*, European Journal of Mathematics, **2** (2016), 474–492.

V. Dimonte, S. Friedman, *Rank-into-rank hypotheses and the failure of GCH*, Archive for Mathematical Logic **53** (2014), 351–366.

V. Dimonte, *A Partially Non-Proper Ordinal*, Annals of Pure and Applied Logic **163** (2012), 1309–1321.

V. Dimonte, *Totally Non-Proper Ordinals*, Archive for Mathematical Logic **50** (2011), no. 5, 565–584.