

# Curriculum Vitae

Dmitry Sustretov  
Date of birth: 26.06.1983  
Citizenship: Russian  
Homepage: <http://sustretov.name>  
E-mail: [sustretov@ma.huji.ac.il](mailto:sustretov@ma.huji.ac.il)

## EMPLOYMENT

2014– Hebrew University of Jerusalem, Israel, postdoctoral research fellow  
2012–2014 Ben-Gurion University, Be'er Sheva, Israel, postdoctoral research fellow

## EDUCATION

2008–13 DPhil, University of Oxford  
2010 Ph.D., INRIA Nancy Grand Est, projet TALARIS  
2005 Master in Computer science, Université Henri Poincaré, Nancy, France  
2004 Master in Applied Mathematics and Computer Science, Voronezh State University, Russia  
2002 Bachelor in Mathematics, Voronezh State University  
1998 graduated from Gymnasia A.V.Koltsov, Voronezh, Russia

DPhil thesis “Non-algebraic Zariski geometries” in Mathematics under supervision of Boris Zilber.

Ph.D. thesis “Topological semantics for hybrid logic” in Computer Science under supervision of Patrick Blackburn.

## SCHOLARSHIPS

Hill Foundation Scholarship, 2008  
Bourse du Gouvernement Français, 2005

## INVITED TALKS

- Seminar Réga (reseau d'étudiants en géométrie algébrique) (November 2015)  
Univeristy Paris 7 model theory seminar (November 2015)  
Neostability theory workshop, Oaxaca, Mexico (July 2015)  
Classification theory ICM Satellite Workshoup, Daejeon, South Korea (August 2014)  
Algebraic geometry and number theory seminar, University of Ben Gurion, Be'er Sheva, Israel (April 2014)  
Algebra seminar, University of Haifa, Israel (February 2014)  
Mini-course "Introduction to geometric model theory", Mathematics department, Higher School of Economics, Moscow, Russia (November–December 2013)  
Logic seminar, Hebrew University of Jerusalem (June 2013)  
Seminar of Laboratory of algebraic geometry and its applications, Faculty of Mathematics, Higher School of Economics, Moscow, Russia (October 2012)  
Logic seminar, Univeristy Paris 7 (October 2011)  
Model theory seminar, Univeristy Paris 7 (October 2011)

## TEACHING EXPERIENCE

- Université Henri Poincaré. Introduction to Mathematics, first semester, 2007 (Licence Sciences de la Matière, practice sessions, 3 hours/week)
- University of Oxford. B1a Logic, B9a Galois theory, Michaelmas Term 2010 (teaching assistant). C1.1b Model theory, B3b Algebraic curves, Hillary Term 2011 (teaching assistant).

## SERVICE TO THE COMMUNITY

- participation in organisation of ESSLLI Student Session 2006 in Málaga, Spain (co-chair of Logic and Computation track);
- chair (with Ville Nurmi) of ESSLLI Student Session 2007, Dublin, Ireland;

## LANGUAGE SKILLS

Russian (native speaker), English (fluent), French (fluent).

## PUBLICATION LIST

### *Refereed*

1. *The Quantum Harmonic Oscillator as a Zariski Geometry*. V. Solanki, D. Sustretov and B. Zilber. *Annals of Pure and Applied Logic*, 165(6): 1149–1168, 2014. (preprint: arXiv:0909.4415.)
2. *Hybrid logics of separation axioms*. Dmitry Sustretov. *Journal of Logic, Language and Information*, 18(4), 2009.
3. *Modal languages for topology: expressivity and definability*. Balder ten Cate, David Gabelaia and Dmitry Sustretov. *Annals of Pure and Applied Logic*, 159(1-2):146-170, 2009. (preprint: arXiv:math/0610357)

### *Preprints*

1. *Reducts of algebraic curves*. A. Hasson, D. Sustretov. <http://www.ma.huji.ac.il/~sustretov/notes/reducts.pdf>, 2015.
2. *Elimination of generalised imaginaries and Galois cohomology*, 2013. arXiv:1312.2273, submitted.