

## Eric Finster

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15 Rue du Commandeur  
Paris, 75014  
+33 07 82 45 57 72

### EDUCATION

*Bachelor of Arts, Mathematics*  
University of Virginia, 2004  
Undergraduate Advisor: Dr. Brian Parshall

*Doctor of Philosophy, Mathematics*  
University of Virginia, 2010  
*Thesis: Stabilization of Homotopy Limits*  
Advisor: Dr. Gregory Arone

### RESEARCH EXPERIENCE

*Postdoctoral Researcher* 2010 - 2012  
École Polytechnique Fédérale de Lausanne  
Lausanne, Switzerland  
Supervisor: Dr. Kathryn Hess-Bellwald

*Postdoctoral Researcher* 2012 - 2013  
Institute for Advanced Study  
Univalent Foundations Project  
Supervisor: Dr. Valdimir Voevodsky

*Postdoctoral Researcher* 2013 - 2014  
Inria Paris Roquencourt  
PiR2 Research Group  
Supervisor: Dr. Pierre-Louis Curien

*Postdoctoral Researcher* 2014 - Present  
École Polytechnique  
Laboratoire d'Informatique (LIX)  
Equipe: Cosynus  
Supervisor: Dr. Eric Goubault

### RESEARCH INTERESTS

Homotopy Theory, Higher Category Theory,  
Type Theory, Semantics of Computation,  
Proof Theory

### PUBLICATIONS

*Eilenberg-MacLane Spaces in Homotopy Type Theory*  
with Dan Licata  
LICS, 2014

*A Mechanization of the Blakers-Massey Theorem in Homotopy Type Theory*  
with Dan Licata, Peter Lumsdaine, Kuen-Bang Hou  
LICS, 2016 (Submitted)

*The Blakers Massey Theory in  $\infty$ -toposes and Homotopy Type Theory*  
with Dan Licata, Peter Lumsdaine  
In Preparation

*The Generalized Blakers-Massey Theorem  
and Goodwillie's Calculus of Functors*  
with Mathieu Anel, Georg Biedermann, André Joyal  
In Preparation

**REFERENCES**    André Joyal  
                    Université du Québec à Montréal  
                    joyal.andre@uqam.ca

                    Pierre-Louis Curien  
                    Directeur de Recherche au CNRS  
                    curien@pps.univ-paris-diderot.fr