

CONTACT INFORMATION	434 Gates Hall Cornell University Ithaca, NY 14853-7501	<i>E-mail:</i> ross@cs.cornell.edu <i>WWW:</i> www.cs.cornell.edu/~ross/
CITIZENSHIP	USA, Canada	
RESEARCH INTERESTS	Language Design, Type Theory, Effects, Semantics, Mathematical Foundations	
EDUCATION	University of California, San Diego, CA USA Ph.D., Computer Science and Engineering, July 2012 Advised by Associate Professor Sorin Lerner California Polytechnic State University, San Luis Obispo, CA USA B.S., Mathematics, and B.S., Computer Science, June 2006	
AWARDS	Distinguished Paper Award for Sound Gradual Typing is Nominally Alive and Well, 2017 Dahl-Nygaard Junior Prize, 2017 Distinguished Artifact Award for Java and Scala's Type Systems are Unsound, 2016 Microsoft Research Fellowship, 2009	
PUBLICATIONS	Fabian Muehlboeck and Ross Tate. Sound Gradual Typing is Nominally Alive and Well. <i>OOPSLA '17: Proceedings of the international conference on Object-Oriented Programming, Systems, Languages, and Applications</i> . Nada Amin and Ross Tate. Java and Scala's Type Systems are Unsound. <i>OOPSLA '16: Proceedings of the international conference on Object-Oriented Programming, Systems, Languages, and Applications</i> . Stephen Longfield, Brittany Nkounkou, Rajit Manohar, and Ross Tate. Preventing Glitches and Short Circuits in High-Level Self-Timed Chip Specifications. <i>PLDI '15: Proceedings of the conference on Programming Language Design and Implementation</i> . Ben Greenman, Fabian Muehlboeck, and Ross Tate. Getting F-Bounded Polymorphism into Shape. <i>PLDI '14: Proceedings of the conference on Programming Language Design and Implementation</i> . Ross Tate. Mixed-Site Variance. <i>FOOL '13: International workshop on Foundations of Object-Oriented Languages</i> . Ross Tate. The Sequential Semantics of Producer Effect Systems. <i>POPL '13: Proceedings of the symposium on Principles of Programming Languages</i> . Ross Tate, Alan Leung, and Sorin Lerner. Taming Wildcards in Java's Type System. <i>PLDI '11: Proceedings of the conference on Programming Language Design and Implementation</i> . Ross Tate, Mike Stepp, Zachary Tatlock, and Sorin Lerner. Equality Saturation: a new Approach to Optimization. <i>LMCS-7(1:10) '11: Logical Methods in Computer Science</i> .	

Steering-Committee Member

PLMW 2016 to present

Organizer

PLMW 2015 and 2016