

XING SHI CAI

CONTACT INFORMATION

Email xingshi.cai@math.uu.se

RESEARCH INTEREST

Combinatorial probability, in particular random graphs, random trees and randomized algorithms.

ACADEMIA EXPERIENCE

<i>Postdoc Researcher</i>	<i>May 2017–Now</i>	Uppsala University, Department of Mathematics, Uppsala, Sweden
<i>Researcher</i>	<i>Mar 2017–Apr 2017</i>	McGill University, Montreal, Canada
	<i>Dec 2016–Feb 2017</i>	Uppsala University, Uppsala, Sweden
<i>PhD.</i>	<i>Jan 2013–Oct 2016</i>	McGill University, Montreal, Canada Major: Computer Science Thesis: A study of large fringe and non-fringe subtrees in conditional Galton-Watson trees Adviser: Luc Devroye
<i>Master of Science</i>	<i>Sep 2011–Jan 2013</i>	McGill University, Montreal, Canada Major: Computer Science Thesis: A Probabilistic Analysis of Kademia Networks Adviser: Luc Devroye
<i>Bachelor of Science</i>	<i>Sep 1999–Jul 2003</i>	Xi'an Jiaotong University, Xi'an, China Major: Computer Science

TEACHING EXPERIENCE

<i>Course coordinator and Lecturer</i>	Uppsala University, Sweden
	· Combinatorics (2019)
	· Several Variable Calculus Combinatorics (2019)

INDUSTRY EXPERIENCE

<i>CallTrunk</i>	<i>Jan 2011–Dec 2011</i>	Software developer – Montreal, Canada
<i>Vimicro</i>	<i>May 2008–May 2010</i>	Software Project Manager – Beijing, China
<i>Huawei-3Com (H3C)</i>	<i>Aug 2004–May 2008</i>	Software Project Manager – Beijing, China
<i>MPlay</i>	<i>Sep 2003–Aug 2004</i>	Software Engineer – Beijing, China

AWARDS

2013–2015 [FRQNT](#) scholarship for PhD students

LANGUAGES

Mandarin Mother tongue
English Fluent