

**Dr. Huang, Ruihong**

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Institute for Statistics and Econometrics  
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PROFESSIONAL POSITIONS / PRACTICAL EXPERIENCE	<b>Postdoc</b>	02/2012 – present
	Humboldt Universität zu Berlin	Berlin, Germany
	Institute for Statistics and Econometrics	
	<i>– Research on high-frequency trading and hidden liquidity in equity markets.</i>	
	<b>(External) Scientific Employee</b>	02/2008 – 07/2011
	Deutsche Bank	Berlin, Germany
	Quantitative Products Laboratory	
	<i>– Research on econometric models for the limit order book and the order flow.</i>	
	<b>Consultant</b>	06/2002 – 09/2003
	Ruling Consulting Co.	Fuzhou, China
	<i>– Advising Chinese mainland enterprises on the IPO procedure in the Hong Kong Exchanges.</i>	
	<b>Investment Analyst</b>	10/1998 – 05/2002
	Hydro-Power Exploitation Co.	Quanzhou, China
	<i>– Evaluating states investment in the hydro-power industry.</i>	
EDUCATIONS	<b>Doctorate in Econometrics</b>	02/1998 – 02/2012
	Humboldt Universität zu Berlin	Berlin, Germany
	Institute for Statistics and Econometrics	
	<i>– The econometric analysis on the high frequency order data.</i>	
	<b>Master student in Applied Math.</b>	09/2006 – 02/2008
	Royal Inst. of Tech. (KTH)	Stockholm, Sweden
	School of Computer Science and Communication	
	<i>– Studies in numerical methods and the high-performance computation.</i>	
	<b>M.Sc. in Economics</b>	04/2004 – 12/2007
	University of Copenhagen	Copenhagen, Denmark
	Department of Economics	
	<i>– Studies in financial economics.</i>	
	<b>B.E. in Computer Applications</b>	09/1996 – 07/1998
	Hohai University	Nanjing, China
	<i>– Studies in software design for industrial management.</i>	

**B.M. in Management Engineering**

Hohai University

– *Studies in the material management and delivery system.*

09/1993 – 07/1997

Nanjing, China

**COMPUTER  
SKILLS**

Classification	Details	Years
Software Development	LOBSTER <a href="http://lobsterdata.com">http://lobsterdata.com</a>	3
OS	Gentoo/Debian/Redhat Linux	8
Programming Languages	C++, Java	7
	Python, SQL, KDB+	3
C++ Libraries	STL, OpenMP, MPI	1.5
Math Software	Matlab, R	7

**PUBLICATIONS  
AND  
RESEARCHES**

1. Hautsch, N. and R. Huang (2012), “The market impact of a limit order”, *Journal of Economic Dynamics and Control*, 36, 501–522.
2. Hautsch, N. and R. Huang (2012), “Limit order flow, market impact and optimal order sizes: Evidence from NASDAQ TotalView-ITCH data” in: “Market Microstructure: Confronting Many Viewpoints”, F. Abergel, J.-P. Bouchaud, T. Foucault, C. Lehal, M. Rosenbaum (eds.), Wiley Inter-sciences.
3. Hautsch, N. and R. Huang (2012), “On the dark side of the market: Identifying and analyzing hidden order placements” Discussion Paper 2012-4, CRC 649, Humboldt University of Berlin.
4. Huang, R. and T. Xiao (2012), “How much can hidden liquidity improve the trading price” Working Paper, Humboldt University of Berlin and Harvard University.
5. Huang, R. and T. Polak (2011), “LOBSTER: Limit order book reconstruction system” Working Paper, Humboldt University of Berlin.
6. “The impact of public news on the limit order flow”, Ongoing research with A. Groß-Klußmann (Humboldt University of Berlin).
7. “Does the circuit breaker help stabilizing the market”, Ongoing research with N. Hautsch (Humboldt University of Berlin).
8. “Does the hidden liquidity harm the price discovery”, Ongoing research with H. Zhu (MIT).
9. “Reinforcement learning on the optimal trading strategy with limit order books”, Ongoing research with Y. Sun (Technical University of Berlin).

**TEACHING**

1. Advanced Econometrics, 2012
2. Seminar Econometric Projects, 2010