Zhenya ZHANG

National Institute of Informatics
PhD Candidate

ERATO Hasuo Project, Palace Side Building 3F,
Hitotsubashi 1-1-1, Tokyo 100-0003
✆ *(+81) 080-9536-8208*
✉ *zhangzy@nii.ac.jp*

Education

2017–now, PhD student	**National Institute of Informatics, The Graduate University for Advanced Studies**, *Tokyo*. Department of Informatics Supervisor: Associate Professor. Ichiro Hasuo
2014–2017, Master	**Institute of Software, Chinese Academy of Sciences**, *Beijing*. State Key Laboratory of Computer Science. Supervisor: Associate Professor. Yu Zhang
2010–2014, Bachelor	**Northwestern Polytechnical University**, *Xi'an*. School of Software and Microelectronics. Major: Software engineering

Research Interest

- Formal methods   • Software engineering   • Concurrency   • Cyber-physical systems

Language & Skill

Languages	• Chinese (Mother language) • English (TOFEL 98) • Japanese (JLPT N1)
Programming	• C++, C, Java, Matlab, Python, Haskell, Shellscript, etc.
Tools	• Breach, S-Taliro, Java PathFinder, Coq, NuSMV, Spin, etc.

Publications

2018 **Gidon Ernst, Ichiro Hasuo, Sean Sedwards, Zhenya Zhang**.
Time-staging Enhancement of Hybrid System Falsification, Preprint

2017 **Zhenya Zhang, Peng Wu, Yu Zhang**.
Localization of Linearizability Faults on the Coarse-grained Level. International Journal of Software Engineering and Knowledge Engineering (Special Issue)

2017 **Zhenya Zhang, Peng Wu, Yu Zhang**.
Localization of Linearizability Faults on the Coarse-grained Level. 29th International Conferences of Software Engineering and Knowledge Engineering

2017 **Yang Chen, Zhenya Zhang, Peng Wu, Yu Zhang**.
Automatic Localization of Linearizability Faults, Preprint

Visit

2018 **2nd ARVI COST School on Runtime Verification**, Praz-sur-Arly, France.

2017 **38th IEEE Real-Time Systems Symposium**, Paris, France.

2017 **29th International Conference of Software Engineering and Knowledge Engineering**, Pittsburgh, USA.

2016 **Royal Holloway University of London**, Egham, UK.

Awards

2017 **MEXT Honors Scholarship**.

2017 **NII Scholarship, National Institute of Informatics**.

2014 **Excellent Graduate, Northwestern Polytechnical University**.

2012 **National Scholarship, China**.

2011 **National Scholarship, China**.

Employment

2017–now	Research Assistant, National Institute of Informatics
2014–2017	Research Assistant, Institute of Software, Chinese Academy of Sciences