

- EDUCATION **The University of Hong Kong** *Sept 2017 - Jul 2023*
- Ph.D., Computer Science
 - Advisor: Dr. Bruno C. d. S. Oliveira
 - Thesis: *Taming the Merge Operator and Intersection Types*
 - External Examiners: Prof. Frank Pfenning, Prof. Ondřej Lhoták
- Zhejiang University**, Hangzhou, China *2013 - 2017*
- B.Sc., Computer Science and Technology
- Stockholm University**, Sweden *2015 - 2016*
- Exchange Student, Department of Computer and Systems Sciences
- TEACHING EXPERIENCE **Functional Programming @ HKU** *Fall 2018*
- **Teaching Assistant** (1 of the 2)
 - Instructor: Dr. Bruno C. d. S. Oliveira, Class Size \approx 100
- Principles of Programming Languages @ HKU** *Spring 2018*
- **Teaching Assistant** (1 of the 2)
 - Instructor: Dr. Bruno C. d. S. Oliveira, Class Size \approx 40
- Introduction to Computing System @ ZJU** *Summer 2016*
- **Teaching Assistant** (1 of the 8)
 - Instructor: Prof. Yale N. Patt (from University of Texas at Austin), Class Size \approx 200
- Parallel Algorithms @ ZJU** *Spring 2015 & Spring 2016*
- **Teaching Assistant** (one and only)
 - Instructor: Dr. Yijie Han (from University of Missouri–Kansas City), Class Size \approx 30
- ACADEMIC SERVICE
- **Artifact Evaluation Committee**, Symposium on Principles of Programming Languages (POPL), 2024
 - **Session Chair**, Session Preview at Symposium on Principles of Programming Languages (POPL), 2023
 - **Sub-Reviewer**, International Conference on Generative Programming: Concepts & Experiences (GPCE), 2022
 - **Sub-Reviewer**, European Conference on Object-Oriented Programming (ECOOP), 2019

PUBLICATIONS

1. Nick Rioux, **Xuejing Huang**, Bruno C. d. S. Oliveira, and Steve Zdancewic. *A Bowtie for a Beast: Overloading, Eta Expansion, and Extensible Data Types in F \times* . In *50th Symposium on Principles of Programming Languages (POPL)*, 2023.
2. Han Xu, **Xuejing Huang**, and Bruno C. d. S. Oliveira. *Making a Type Difference: Subtraction on Intersection Types as Generalized Record Operations*. In *50th Symposium on Principles of Programming Languages (POPL)*, 2023.
3. Andong Fan*, **Xuejing Huang***, Han Xu, Yaozhu Sun, and Bruno C. d. S. Oliveira. *Direct Foundations for Compositional Programming*. *36th European Conference on Object-Oriented Programming (ECOOP)*, 2022. (Co-first authors)
4. Baber Rehman, **Xuejing Huang**, Ningning Xie, and Bruno C. d. S. Oliveira. *Union Types with Disjoint Switches*. *36th European Conference on Object-Oriented Programming (ECOOP)*, 2022.
5. Wenjia Ye, Bruno C. d. S. Oliveira, and **Xuejing Huang**. *Type-directed Operational Semantics for Gradual Typing*. *35th European Conference on Object-Oriented Programming (ECOOP)*, 2021.
6. **Xuejing Huang**, Jinxu Zhao and Bruno C. d. S. Oliveira. *Taming the Merge Operator*. *Journal of Functional Programming (JFP)*, 2021.
7. **Xuejing Huang** and Bruno C. d. S. Oliveira. *Distributing Intersection and Union Types with Splits and Duality (Functional Pearl)*. *International Conference on Functional Programming (ICFP)*, 2021.
8. **Xuejing Huang** and Bruno C. d. S. Oliveira. *A Type-Directed Operational Semantics for a Calculus with a Merge Operator*. *34th European Conference on Object-Oriented Programming (ECOOP)*, 2020.

MENTORING
EXPERIENCE

- **Han Xu**, undergraduate intern in HKU PL Group 2022-2023
- **Andong Fan**, undergraduate intern in HKU PL Group 2022

AWARDS AND
SCHOLARSHIPS

- **Hong Kong PhD Fellowship** 2017-2021
by the Research Grants Council (RGC) of Hong Kong
- **First-Class Scholarship for Elite Students in Basic Sciences** 2013-2014
by the Undergraduate School of Zhejiang University
- **First Prize** 2012
in the National Olympiad in Informatics in Provinces (**NOIP**)
- **Bronze Award** 2012
in Asia-Pacific Informatics Olympiad (**APIO**)