



Research Interests:

- Program Analysis by focusing on
 - Type Systems
 - Inferring Ownership Type Systems
- Applications of Ownership Domains
 - Security Analysis
 - Impact Analysis
- Open Source Software Design by Focusing on
 - Scientific Software Design
 - Parallelization of Scientific Software

Teaching Interests

- Undergraduate
 - Software Engineering
 - Algorithms and Data Structures
- Graduate
 - Software Development Methodologies
 - Patterns in Software Engineering