Welcome to the **SQUARE (Software Quality Research)** group at the IT University of Copenhagen. We are dedicated to research on how to improve the quality of software.

The **SQUARE** group does research on *theory, methods, and tools* that improve the quality of Software:

- We **study programs** (code) which aim to identify problems in Software;
- We **study programmers** (humans) which aim to identify problems in the process of developing Software;
- We **develop tools for programs** (code) aimed directly at improving the quality of Software; and
- We **develop tools for programmers** (humans) aimed indirectly at improving the quality of Software.

// selected projects

- **REIDENT**: Assessment of Reidentification Risks with Bayesian Probabilistic Programing (Villum Foundation)
- **INSIGHT**: Program Repair with Static Insights (DFF)
- **ROSIN**: **ROS-Industrial Quality Assured Robot Software Components** (H2020)
- **VARIETE**: Variability in Portfolios of Dependable Systems (completed)
- **VARIES**: Variability in Safety Critical Embedded Systems (completed)
- **MT-LAB**: Modeling of Information Technology (completed)

// members

- [Adam Alami](#) (Ph.D. Student)
- [Alexander Asp Bock](#) (Ph.D. Student)
- [Alina Preda](#) (M.Sc. Student)
- [Andrzej Wasowski](#) (Prof.) | software engineering | program analysis | testing | information flow | anonymity | legacy systems | thesis projects
- [Claus Brabrand](#) (Associate Professor) [Group Leader]
- [Davide Laezza](#) (M.Sc. Student)
- [Holger Stadel Borum](#) (Ph.D. Student)
- [Zhoulai Fu](#) (Assistant Professor)
// former members

- **Ahmad Salim Al-Sibahi** (now at [BilagScan](https://www.bilagscan.com) and [University of Copenhagen](https://www.cbs.dk), Copenhagen, Denmark)
- **Stefan Stănciulescu** (now at [ABB Corporate Research](https://www.abb.com), Baden, Switzerland)
- **Aleksandar Dimovski** (now in Skopje, Macedonia)
- **Jean Melo** (now at [ConfigIT](https://www.configit.com), Copenhagen, Denmark)
- **Alexandru Florin Iosif-Lazăr** (now at [ConfigIT](https://www.configit.com), Copenhagen, Denmark)
- **Iago Abal** (now at [Prover Technology](https://www.prover.com), Stockholm, Sweden)
- **Raghaava Rao Mukkamala** (now at [Copenhagen Business School](https://www.cbs.dk), Copenhagen, Denmark)
- **Christian Nøhr Rasmussen** (M.Sc. Student, graduated June 2018)
- **Louis-Marie Traonouez** (at INRIA Rennes)
- **Kenneth Ry Ulrik** (M.Sc. Student, graduated June 2018)
- **Tawhid Waez** (visitor from Queens University, now at Ford research)
- **Fabrizio Biondi** (at CentraleSupelec & Inria/IRISA Rennes)
- **Rolf-Helge Pfeiffer** (now at Copenhagen Business Academy)
- **Troels Selch Sørensen** (M.Sc. Student)
- **Florian Biermann** (Ph.D. Student)

// information

- **Meetings**
- **Seminars**
- **Student projects**
- **Paper Guidelines** (private)
- **Responsibilities** (private)
- **Funding Proposal Guidelines** (private)
- **Reviewing guidelines** (private)

// links

- **Administrative Short-cuts** (from Computer Science Dept wiki)
- **VARIETE project** wiki
- **ROSIN project**
- **Talks & Visitors** (Computer Science Dept. wiki)
- **Computer Science** Department wiki

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