Publications:

- **First-Order Logic According to Harrison**
  Publication: Research - peer-review › Journal article – Annual report year: 2017

- **Formalization of Many-Valued Logics**
  Publication: Research - peer-review › Book chapter – Annual report year: 2017

- **Formalizing a Paraconsistent Logic in the Isabelle Proof Assistant**
  Publication: Research - peer-review › Journal article – Annual report year: 2017

- **NaDeA: A Natural Deduction Assistant with a Formalization in Isabelle**
  Publication: Research - peer-review › Journal article – Annual report year: 2017

- **Code Generation for a Simple First-Order Prover**
  Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

- **Formalization of the Resolution Calculus for First-Order Logic**
  Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

- **How I convinced Isabelle that resolution is complete**
  Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

- **Paraconsistency**
  Publication: Research - peer-review › Journal article – Annual report year: 2016

- **The Resolution Calculus for First-Order Logic**
  Publication: Research - peer-review › Journal article – Annual report year: 2016

- **Verification of an LCF-Style First-Order Prover with Equality**
  Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

- **Formalization of Algorithms and Logical Inference Systems in Proof Assistants**
  Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

- **Meta-Logical Reasoning in Higher-Order Logic**
  Publication: Research - peer-review › Poster – Annual report year: 2015
NaDeA: A Natural Deduction Assistant with a Formalization in Isabelle
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Nature-Inspired and Energy Efficient Route Planning
Publication: Research › Conference abstract in proceedings – Annual report year: 2015

Projects:

Formalization of Algorithms and Logical inference Systems in Proof Assistants
Project: PhD

Activities:

Proof Assistants and Related Tools - The PART & PART 2 Projects 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

TCS and PAM seminar
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Proof Assistants and Related Tools - The PART & PART 2 Projects 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

MAS & HOL
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Club2
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Proof Assistants and Related Tools - The PART & PART 2 Projects 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

PART
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.