GEORG FRIEDRICH SCHUPPE

Alfred Nobels alle 33, 141 52 Huddinge, Sweden
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EDUCATION

KTH Royal Institute of Technology Stockholm *January 2019 - Present*
PhD in Computer Science
Division of Robotics, Perception and Learning

Leibniz University Hannover, Germany *October 2015 - November 2018*
Master of Computer Science Grade: With Distinction

Leibniz University Hannover, Germany *October 2011 - October 2015*
Bachelor of Computer Science

PUBLICATIONS

[1] Christian Pek*, Georg Friedrich Schuppe*, Francesco Esposito, Jana Tumova, and Danica Kragic. Monitoring robotic tasks using spatio-temporal logics constraints. *Unter Review at IEEE Transactions on Robotics*, 2022.

[2] Georg Friedrich Schuppe and Jana Tumova. Decentralized multi-agent strategy synthesis under LTL_f specifications via exchange of least-limiting advisers. In *2021 International Symposium on Multi-Robot and Multi-Agent Systems (MRS)*, pages 119–127. IEEE, 2021.

[3] Georg Friedrich Schuppe and Jana Tumova. Multi-agent strategy synthesis for LTL specifications through assumption composition. In *2020 IEEE 16th International Conference on Automation Science and Engineering (CASE)*, pages 533–540. IEEE, 2020.

ACADEMIC ACCOLADES

- Nominated for **Best Student Paper Finalist** at IEEE MRS 2021
- Recipient of the **Karl Engvers Stiftelse Research Travel Grant** 2020
- Selected to participate in **Marktoberdorf Summer School** 2019
  Safety and Security of Software Systems: Logics, Proofs, Applications
- Selected as **WASP affiliated PhD student**
  Wallenberg AI, Autonomous Systems and Software Program (WASP) is Swedens largest ever individual research program

TEACHING EXPERIENCE

KTH, Division of Robotics, Perception and Learning Oct 2019 - Present
Teaching Assistant

· Courses: *Database Technology*, *Programming and Scientific Computing*
· Giving exercise courses for roughly 30 people, switching every semester

LUH, Various Departments April 2013 - October 2018
Teaching Assistant, Research Engineer

· Departments: Theoretical Computer Science, Computer Graphics, Simulation and Modelling

· Courses: *Complexity of Algorithms*, *Basics in Theoretical Computer Science*, *Data Structures and Algorithms*, *Programming II*
· Giving exercise courses for roughly 30 people
· Supporting PhD Studies concerning automated code generation
· Refining and advancing simulations from completed bachelor and master theses

PEER REVIEWS

2020 RSS, FORMATS, AURO,

2021 ICCPS, ICRA, DEDS, SIAMCT, TAC, IROS, RA-L

2022 ICRA, ACC, RA-L

SELECTED EXTRACURICULLAR ACTIVITIES

- Outreach for KTH Giants
- Development and Maintenance of open source software [GitHub]