



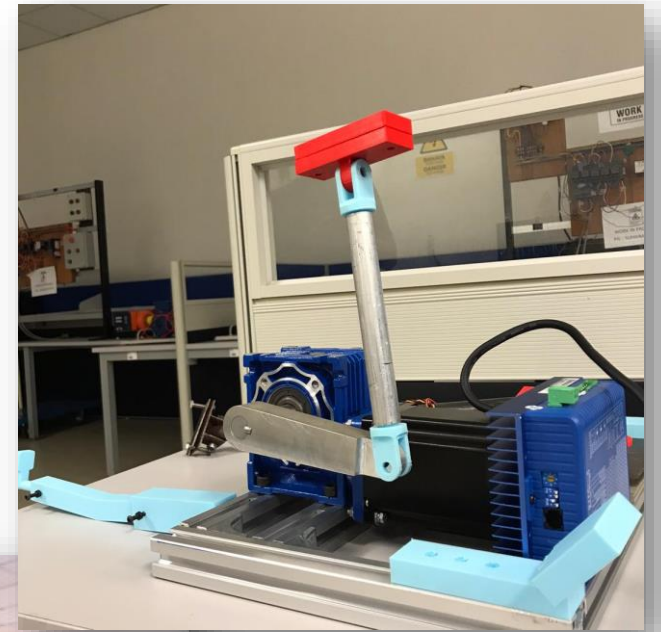
# About me

- Jannik Lassen, 22 years old
- Bachelor: Mechatronic Engineering
- University of Applied Science – Karlsruhe



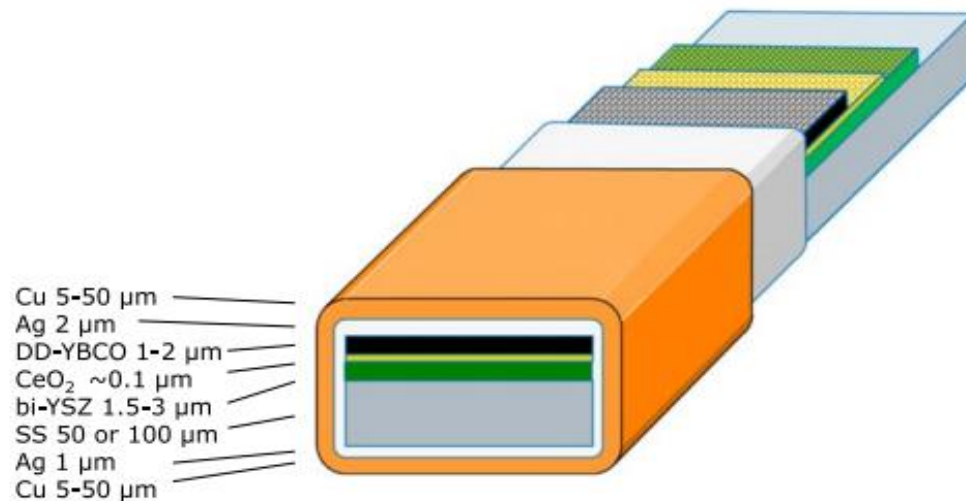
# Previous Projects

- MYiTOPS
  - Malaysian International Team Orientated Project Studies
  - Remote controlled clutch and gas pedal
- My part
  - Communication Protocol
  - Cloud Computing
  - GUI

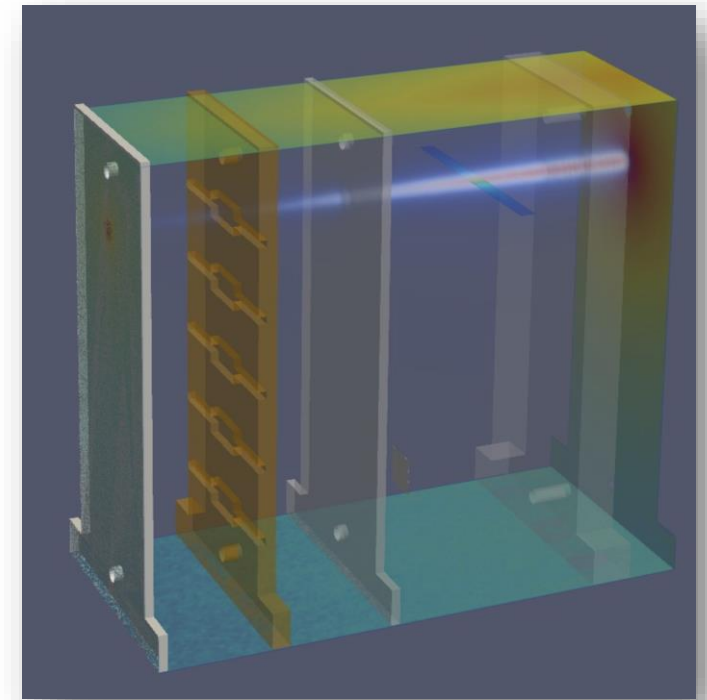


# Project at CERN

- TECH for 6 Months
  - Supervisors: Daniel Wollmann, Cedric Hernalsteens
- Thermo-mechanical analysis of HTS Tapes following beam impact experiment



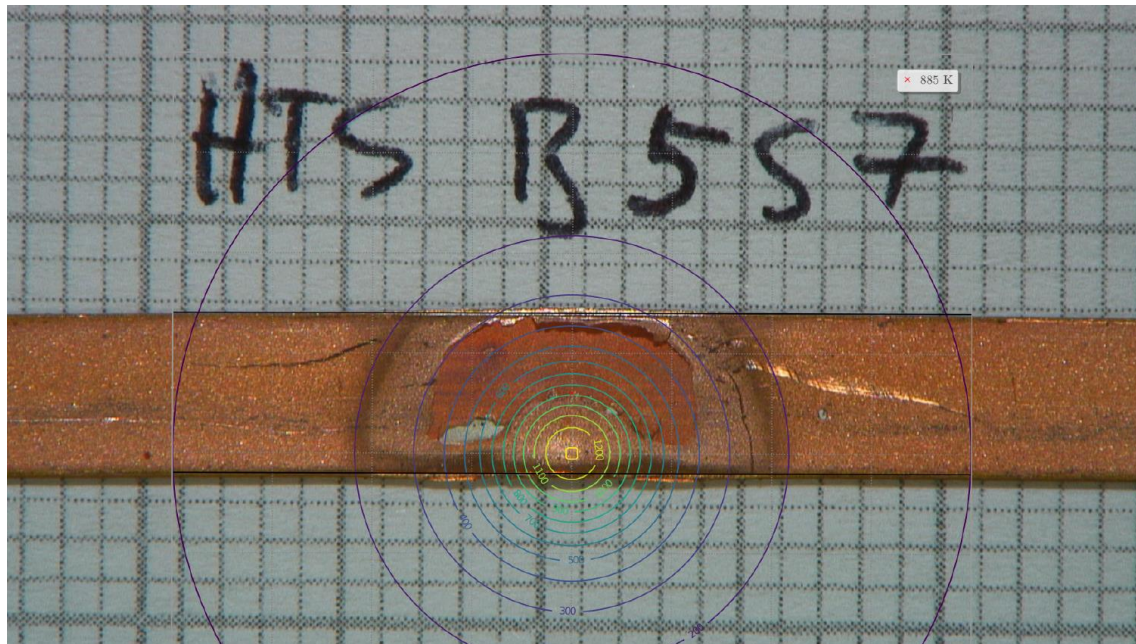
Bruker HTS GmbH



Energy Disposition Simulation  
*Credit: Cedric Hernalsteens*

# Project at CERN

- **Goal**
  - Differentiate strain from sample holder and direct beam impact
  - Comparing critical current measurements with simulations in collaboration with UNIGE



Temperature deposition curve from the FLUKA simulations overlaid the HTS B5S7 tape  
*Credit: A. Will, A. Oslandsbotn*

# Besides Studying

