

Introduction

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Background

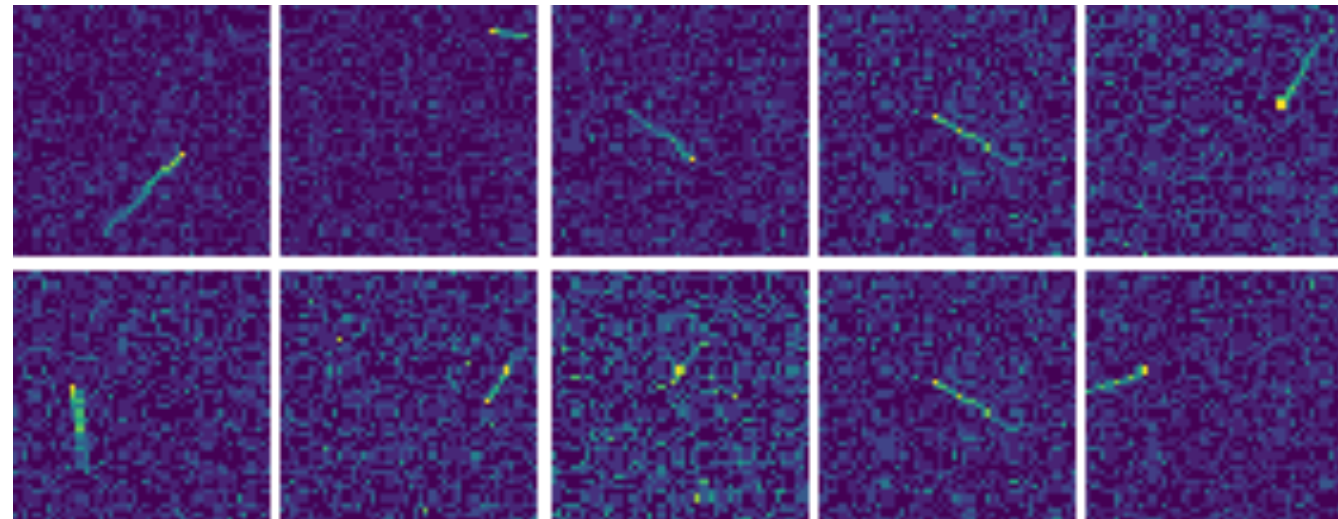
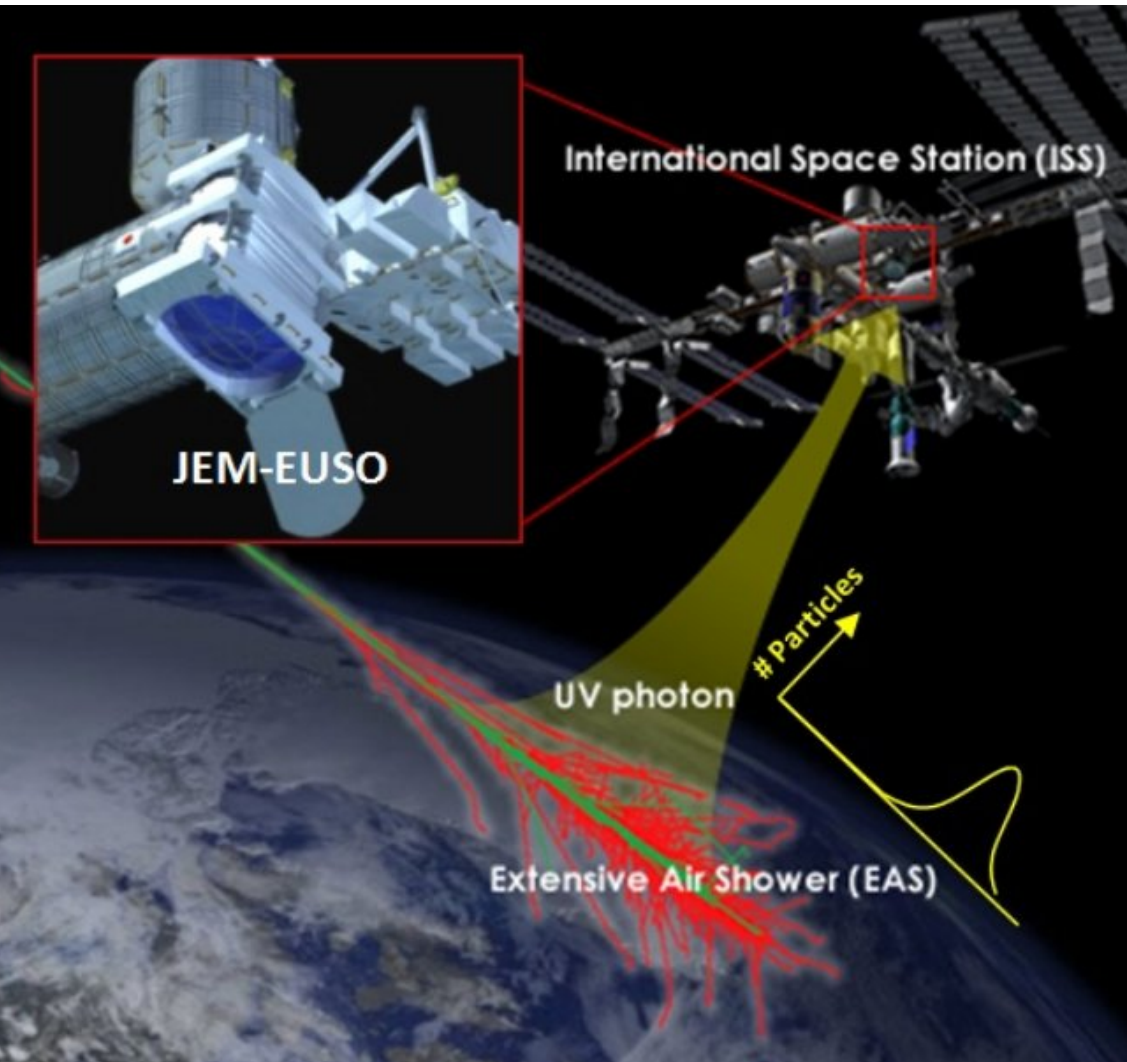
- 25 years old
- From Stockholm, Sweden
- 2015 – present:
Degree program in **Engineering Physics**
KTH Royal Institute of Technology (Stockholm)
BSc in 2018
- 2018 – present:
Master program in **Mathematics in Data Science**
Technical University of Munich
Double degree program



Previous projects

2018: BSc project, KTH Royal Institute of Technology

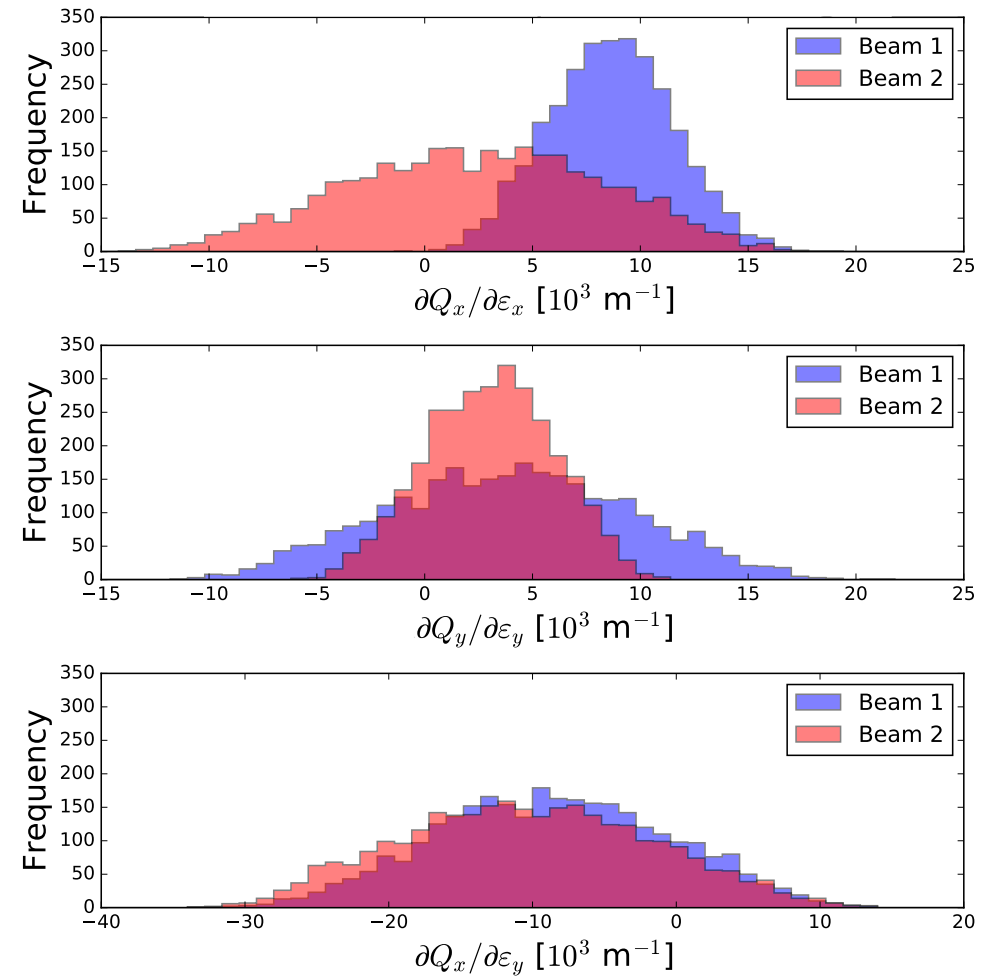
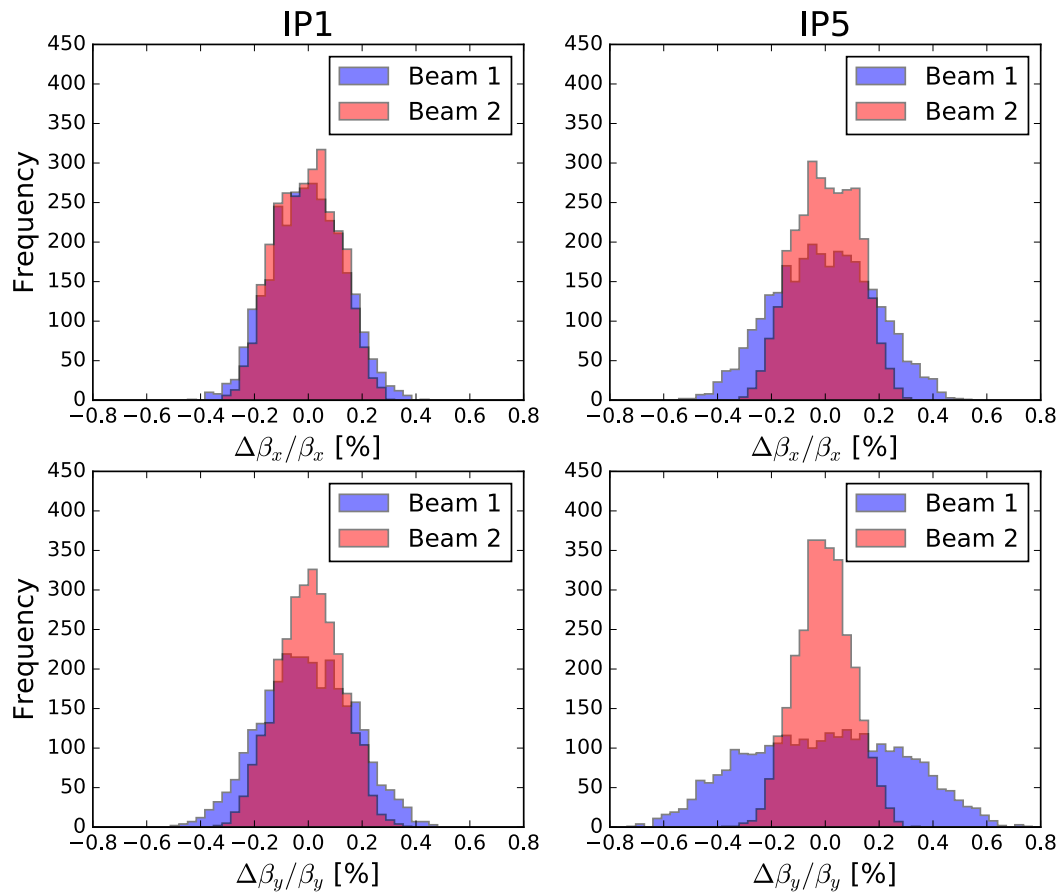
Deep learning for classification of ultra high energy cosmic ray tracks as seen from a detector on the ISS



2019: CERN Summer Student Programme (BE-ABP-HSS)

β -beating and amplitude detuning from misaligned MCX in the LHC and HL-LHC. Supervisor: Rogelio Tomas

Monte Carlo simulations using MAD-X



Technical student project (1 year)

- **Post-mortem analysis of beam losses during high-energy beam dumps**
- Supervisor: Christoph Wiesner
- Develop an automated analysis tool for screening of beam data
- Primarily using a physics model-based approach
- But also try some machine learning techniques
- In collaboration with the Computer Vision Group at TUM, as part of my master thesis

Interests and hobbies

- Running (mostly 5K)
- Strength training
- Hiking
- Astronomy and cosmology
- Geography
- Exploring the world in Google Earth

