



SMARTHEP + PhysSoc introduction

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About me

- PhD student at Technische Universität Dortmund, completed my undergraduate Master's here at Manchester!
- Background in particle physics analysis; member of the LHCb Experiment for over a year.
- Interests include: travelling 🚄 baking 🍰 physics outreach 🗺️, also a huge Ipswich Town fan! 🟦🟤



My research journey

- Started in civil engineering, looking at railway sleepers with Newcastle University.
- Entered particle physics through a RISE internship at TU Dortmund measuring CP asymmetry in B^0 decays (applications currently open!).
- Master's project at University of Manchester, searching for new physics through CP asymmetry of B_s^0 decays at LHCb.
- Returned to TU Dortmund for PhD study, working on SMARTHEP project ESR7!



Upcoming work with SMARTHEP

- Based at TU Dortmund  studying dilepton selections at the LHCb Experiment 
- Two planned collaborations:
 - Extended stay at CERN (6 months) 
 - Industry collaboration at Ximantis 
- Various training/schools including a collider/machine learning school in Geneva in January 





Conclusion

Lots planned for the next 3 years!

Get in touch by email jamie.gooding@cern.ch or on Twitter [@goodingjamie!](https://twitter.com/goodingjamie)



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