

## Institute for Theoretical Particle Physics

RWTH AACHEN UNIVERSITY, GERMANY

October 14, 2023

## Statement of Research Interests

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My preference for research topics as stated on the RTG website is:

1. 'Model independent search for new physics in final states including bottom quarks'
2. 'The search for New Physics with Standard Model measurements'
3. 'Global fits and blind spots in searches for supersymmetry at the LHC'

My preference for supervisor is:

- Professor Harlander
- Professor Krämer
- Professor Czakon

Thank you for your time and consideration, I look forward to hearing from you.

Sincerely,

**Matthew Rossetter**