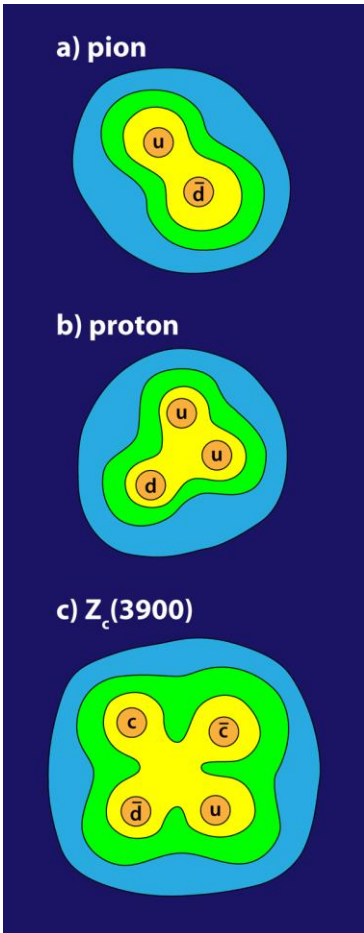
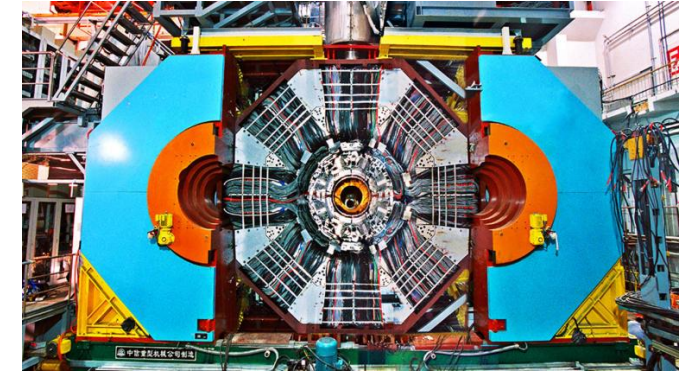


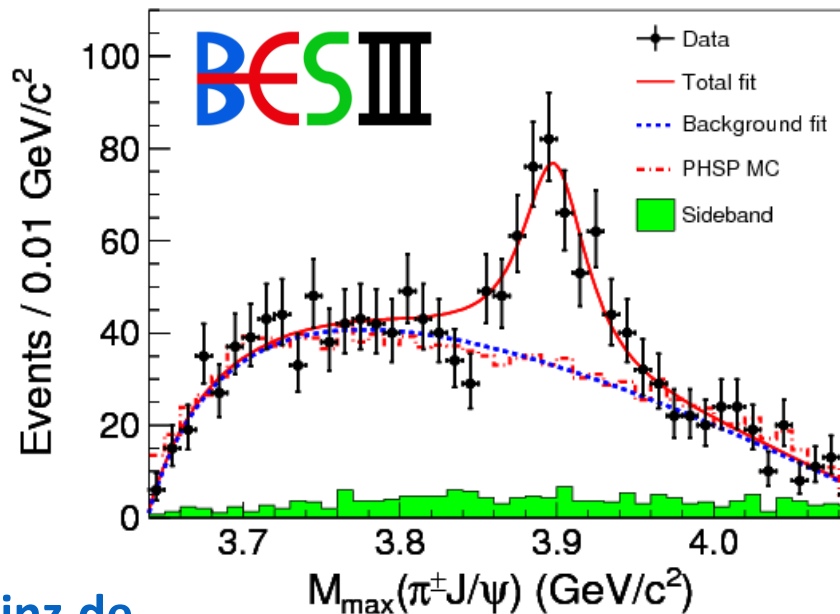
Discover the $Z_c(3900)$ particle yourself!

Prof. Dr. Achim Denig, Jan Muskalla, Dr. Christoph Florian Redmer (KPH)

- Analyze actual data gathered at the BESIII experiment in Beijing, China
- **Discover the first convincing four-quark particle observed by BESIII**



[Phys.Rev.Lett. 110 \(2013\) 252001](#)



- Gain experience and new insights of frontier research
- Hands-on training of data analysis in particle physics experiments
- Get in touch with advanced analysis software (ROOT) and Monte Carlo tools
- Basic programming knowledge preferable (C/C++ or Python)
- **Can be done remotely**
- Advising in German and English possible

Contact:

Jan Muskalla

jan.muskalla@uni-mainz.de