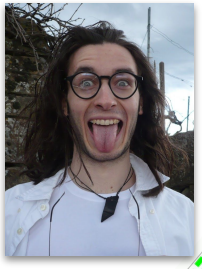
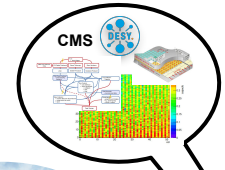
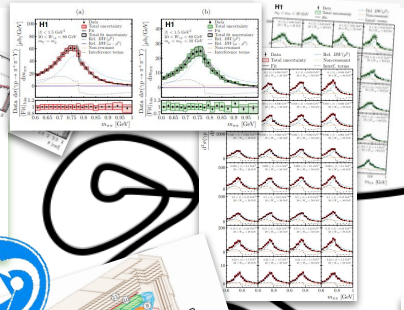
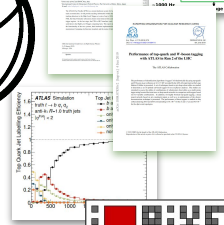
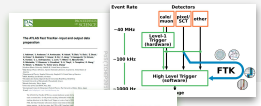
My Scientific Career Path

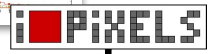




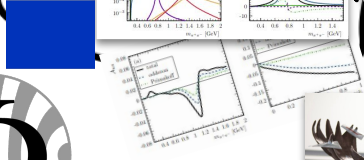




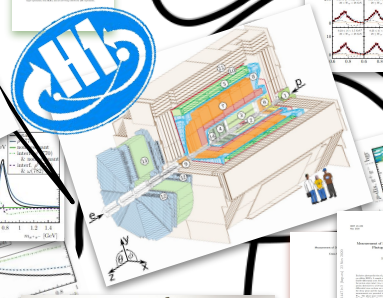


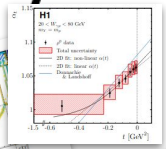


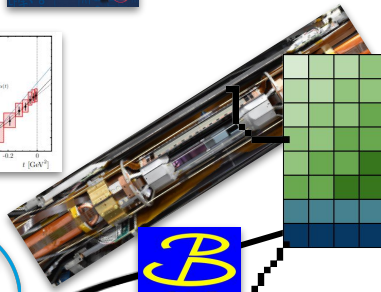
2009



TRUMPF

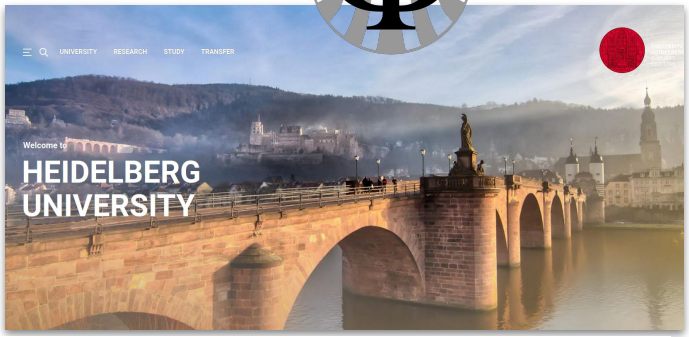






PXD

2020



And how I talk about it in job interviews

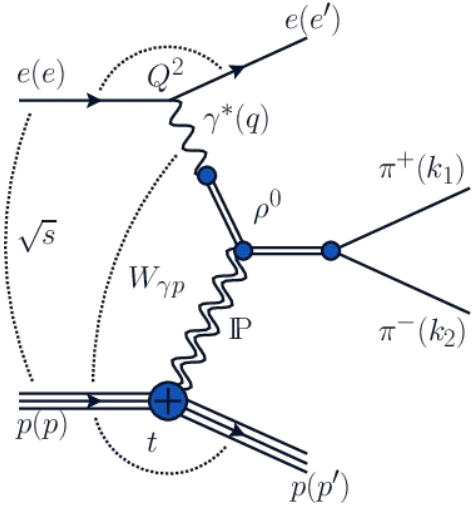
My Proudest Plot

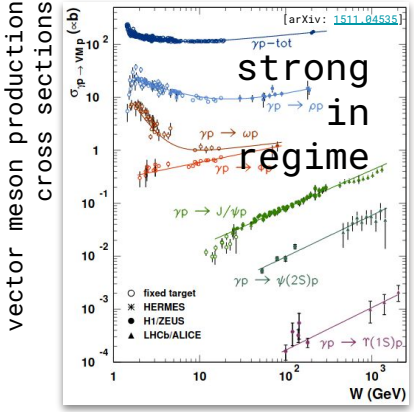
and its origin:

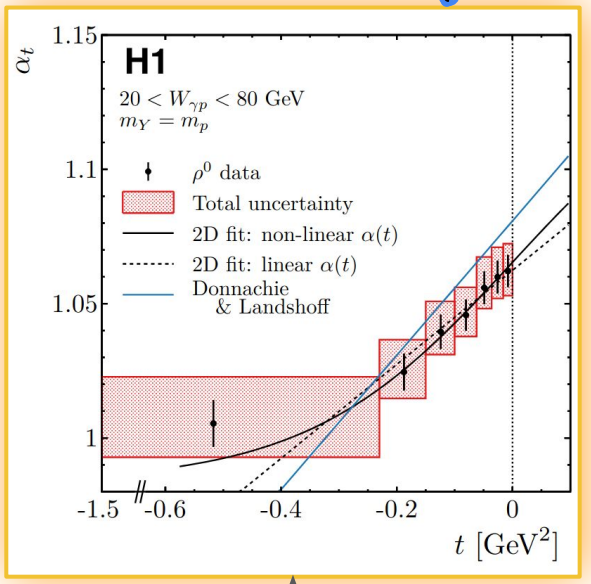
$\pi^+\pi^-$ photoproduction in HERA

- physics: study interaction *soft*

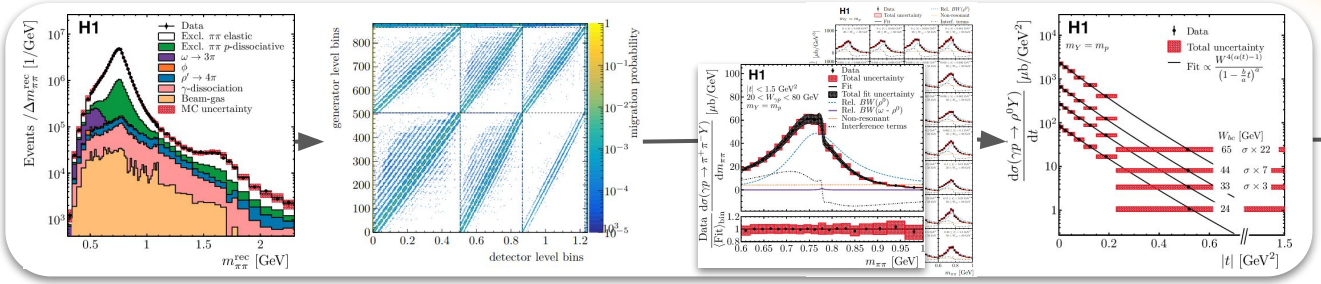
  ⇒ "Pomeron"







- data analysis: unfolding → 3D cross-sections → parametrization → $\alpha_t(t)$



[Eur.Phys.J.C 80 (2020) 12, 1189
arXiv: 2005.14471 [hep-ex]]

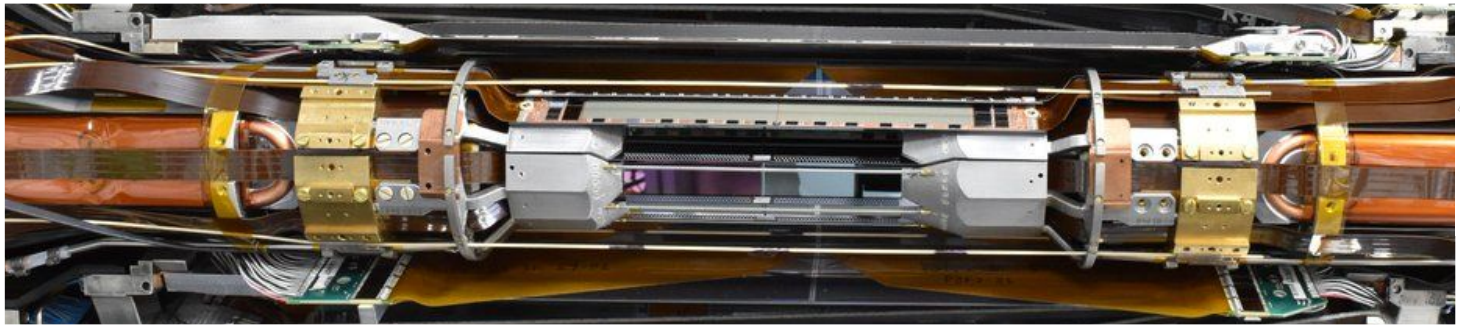
My Thanks to H1 Collaboration,
André Schöning, Stefan Schmitt,...!

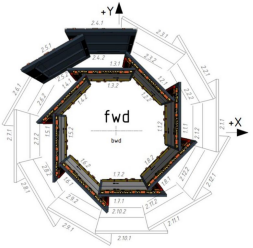
My Most Despised Plot

I don’t wanna talk about it ...

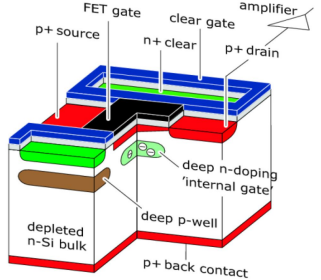
... or look at it
... or think about it

My Current Project: Belle II PIXEL Vertex Detector



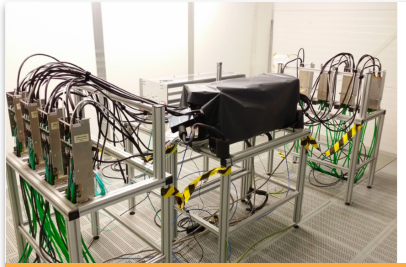


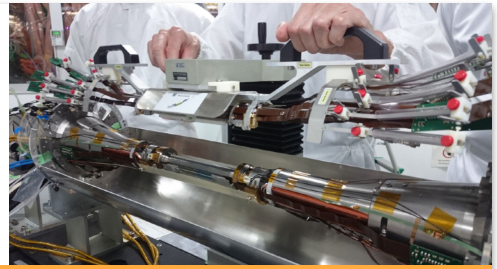
DEPFET pixels



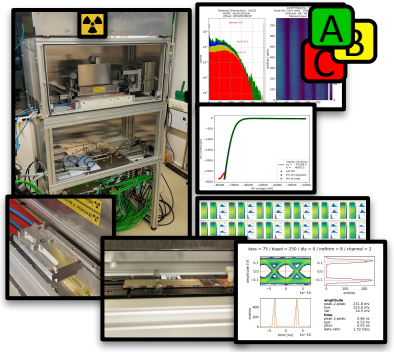
Hot topic: Preparations for PXD 2022 Update

- Second, completed PXD to be installed in 2022
- Module production ongoing across GER w/ module testing at DESY
- Preparations for “Half-Shell” tests in Hall-West





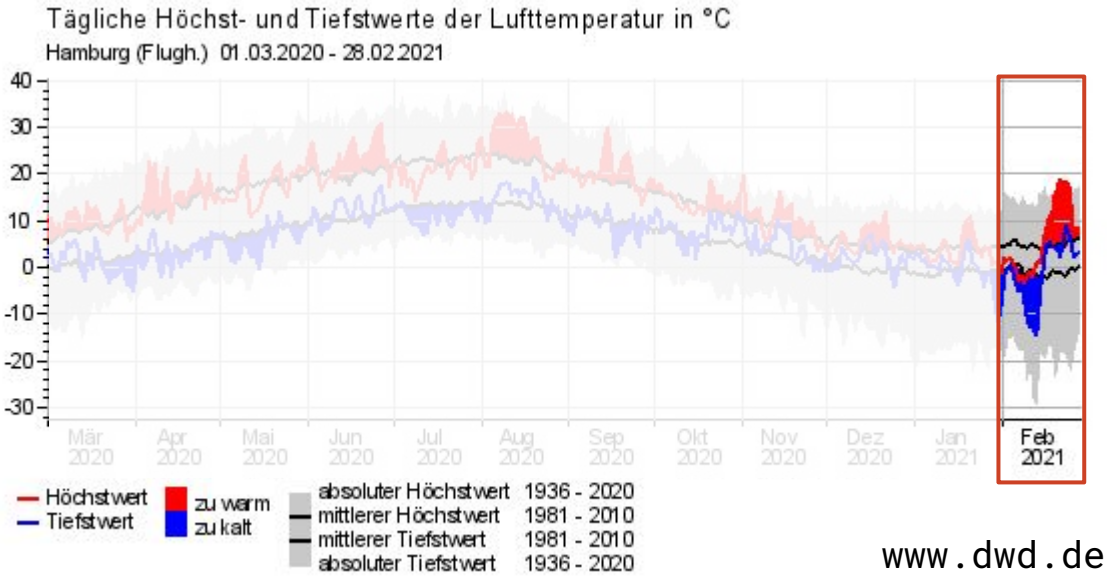
2018 testsetup



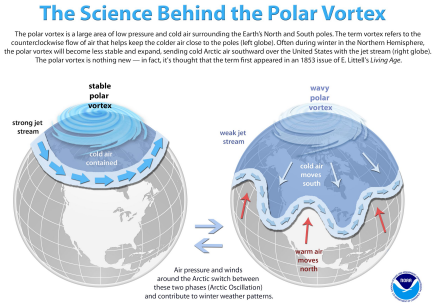
A Plot Worth Thinking About

Global heating vs local weather

- Was last winter climate change or chance?
- Yet another expression of new volatile “normal”?
- Either way: many surprises ahead! With serious consequences!



www.dwd.de



where to invest?

Texas power crysis