

Presentation Experimental Particle Physics

This image is a place-holder for the
respective program - image

Subtitle of Presentation

Helmholtz Program: Matter and Universe (MU)

PoF III Topic: Experimental Particle Physics

DESY Research Unit: FH

Beate Heinemann

Center Evaluation DESY, 5 – 9 February 2018

HELMHOLTZ
RESEARCH FOR GRAND CHALLENGES



Outline

This is my outline

- Particle Physics landscape (1-2 slide)
 - Explain what interesting questions in HEP are
 - Explain challenges of the field
- Achievements during POF-III (3 slides)
 - Refer to milestones achieved 2015-2017
 - LHC startup: Higgs properties, searches, detector commission, CMS pixel, phase-2 TDRs and R&D
 - Belle-II progress
 - ILC and other future colliders
- Connection to DEYS structure and other research units and intl collaborators (1 slide)
 - Infrastructure: Tier2, DAF, test beam
 - Talent management
- Future plans (2 slides)
 - LHC upgrades & physics, Belle-II, axions (ALPS-2, IAXO, MADMAX), LUXE

Heading

Subheading, optional

Guidelines for presentations' format

- Arial, not smaller than 16 pt (must be readable)
- Do not overload slides
- Other logos than Helmholtz or DESY not on title or conclusion slide and not as standard design element – only at selected places within the talk
- Please adapt the footer to your presentation including title, your name, program short term (i.e. MLL) and research unit short term (Bio-Soft): Edit by "Insert > Header and Footer"

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