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Research Area 3

Top & Higgs Physics

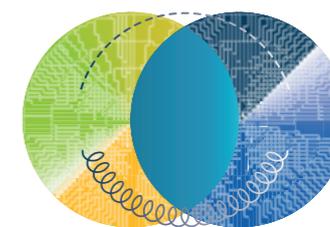
Kick-Off Meeting

07 October 2025

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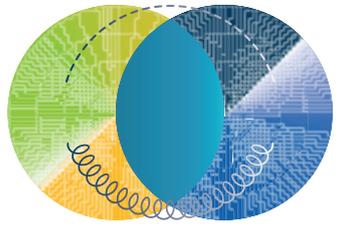
Search for new
phenomena in strong
and weak interactions



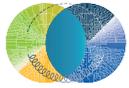


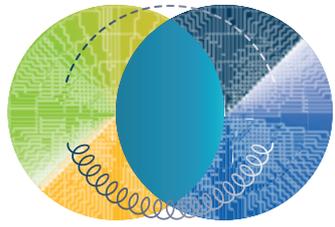
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Key Researchers

Bechtle, Bell, Bernlochner, Cristinziani, Delitzsch, Desch, Diez Pardos, Dingfelder, Drees, Dreiner, Duhr, Fleck, Hiller, Huber, Kilian, Knue, Kröninger, T. Lenz, Stamou

Coop. Partners

Maltoni, Worek

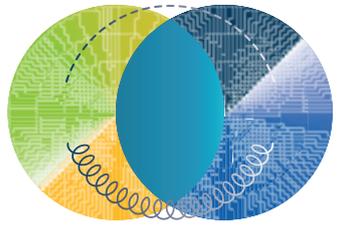
Objectives

- Precision measurements and predictions at the highest accessible energies.
- Search for additional sources of CP violation in top-quark and Higgs decays.
- Connect measurements and predictions between all energy scales to search for BSM effects.

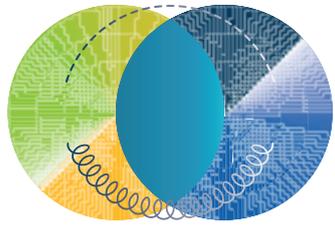
Cluster Professors

W3 BSM Phenomenology (TH), together with RA2
W2 Heavy Particles at ATLAS (EXP)

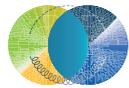
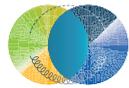
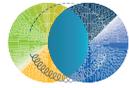


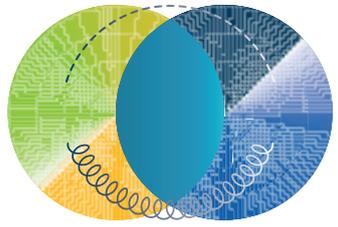


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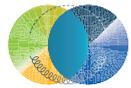
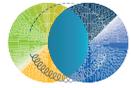


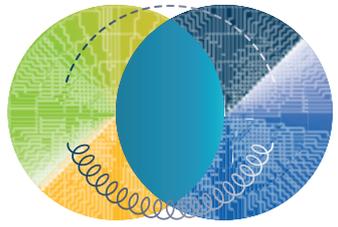
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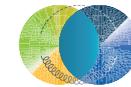
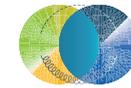
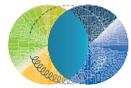
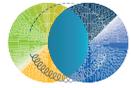


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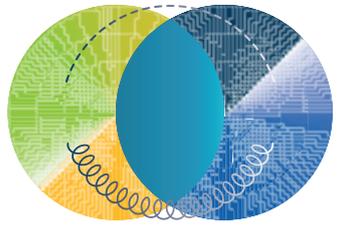




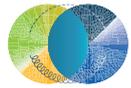
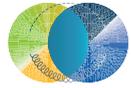
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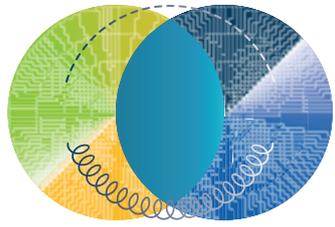


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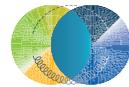
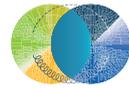
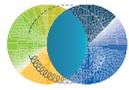


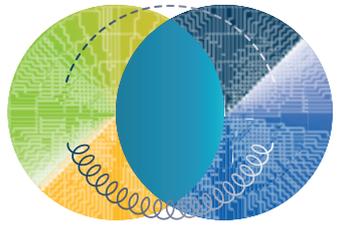
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