The WG3 conveners
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HL/HE-LHC physics jamboree
March 1st 2019
Beyond the Standard Model Physics at the HL-LHC and HE-LHC

Report from Working Group 3 on the Physics of the HL-LHC, and Perspectives at the HE-LHC

Some stats

- Big effort, really payed off!
- Diverse set of physics topics (7 sections)
- 239 pages (281 with references)
- ~170k words, ~1M characters
- 750 references
- 280 authors
- 1st version on arxiv on December 20th
- 2nd version on arxiv on February 5th
**Today**

- Cover all the contents in three 20 minutes talk challenging
  - Good representation of speakers from across the WG!

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**13:30 → 14:50  WG3: Physics beyond the Standard Model**

**13:30**
- **SUSY and Dark Matter**
  - **Speaker:** Marija Vranjes Milosavljevic (Institute of Physics Belgrade (RS))

**13:55**
- **Long-lived particles**
  - **Speaker:** Xabier Cid Vidal (Instituto Galego de Fisica de Altas Enerxias)

**14:20**
- **High pT and resonances**
  - **Speaker:** Kerstin Hoepfner (Rheinisch Westfälische Tech. Hoch. (DE))
Big thanks to all contributors, collaborators, steering committee members, and... overleaf?