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## **pMSSM scans in ATLAS**

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Multidimensional scans of the pMSSM have been used in ATLAS to assess the experiment sensitivity to classes of models usually not well represented by simplified models. Such scans require a well defined approach in generating signal events and deciding which ones should be passed through the CPU-intensive detector simulation and for which ones the sensitivity can be instead parametrised. They also impose challenges in deciding how the experiment sensitivity should be summarised. The talk will discuss in detail how such large-scale scans have been approached by ATLAS, touching upon recent results obtained.

**Authors:** SHABALINA, Elizaveta (Georg-August-Universität Göttingen (DE)); HEINRICH, Lukas Alexander (New York University (US)); MARTI I GARCIA, Salvador (IFIC-Valencia (UV/EG-CSIC))

**Co-authors:** VIVARELLI, Iacopo (University of Sussex (GB)); LARI, Tommaso (University and INFN, Milano)

**Presenter:** HEINRICH, Lukas Alexander (New York University (US))

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