

## Tools of the Project

Contributed by Administrator  
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- CRAC: (Cosmic Ray Alpine Code), code for the galactic propagation of antiprotons.
- MicrOMEGAs: Code for the dark matter relic density, originally in the context of supersymmetry, that has recently been extended to incorporate a generic model. It is also being developed for applications to direct and indirect detection.[Webpage](#)
- Pythia\_UED: a Pythia-based generator tool for Universal Extra-Dimension at the LHC. [Webpage](#)
- SDECAY, SUSY\_HIT: Code that computes the decay of supersymmetric particles.[Webpage](#)
- SFitter: Code for the reconstruction of the fundamental parameters of supersymmetry from simulations or experimental measurements. Under development to include fits to other model of electroweak symmetry breaking .[Webpage](#)
- SloopS: General code, under development, for one-loop calculations in susy with application to collider data, precise relic density predictions and indirect detection .[Webpage](#)
- SusyBSG: a powerful code for  $b \rightarrow s \gamma$  in supersymmetry.[Webpage](#)
- SUSY\_SCT: a SUSY spectrum comparison tool.[Webpage](#)