

Starburst Galaxies as possible sources of UHECRs and neutrinos

- ◆ Study of the **UHECRs** interactions in the environment surrounding the **sources**, applied to **Starburst Galaxies (SBG)**.
- ◆ Connection between the features of the **UHECR spectrum and composition** at Earth to the **SBG parameters**.
- ◆ Using a SBG **prototype**, a **diffuse flux** from sources uniformly distributed is propagated and then compared to the measurements at Earth.
- ◆ Outcomes in cosmic ray and neutrino fluxes can constrain the parameter space.

