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SkyNET-scape Room: An Escape Room to Explore Astroparticle Physics

Innovative science communication is key to engaging the public with complex topics such as astroparticle physics. As part of the Italian PRIN 2022 funding initiative, we are developing SkyNET-scape Room, an interactive escape room designed to introduce participants to the main messengers of the high-energy universe, namely cosmic rays, gamma rays, and neutrinos.

The experience is structured into three interactive stations, each focusing on a specific particle and its detection method. Small teams of visitors will collaborate to solve puzzles and quizzes related to gamma-ray observations, neutrino detection, and cosmic-ray composition. Using a combination of audio, video, and written materials, participants will engage with real scientific concepts while working together to "escape." The ultimate goal is to spark curiosity, teamwork, and excitement for science, making astroparticle physics more accessible and engaging.

In this contribution, we will present the design, implementation, and preliminary feedback from test sessions, emphasizing how gamification and interactive storytelling can serve as powerful tools for science outreach, making fundamental physics more engaging and accessible to the public.

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