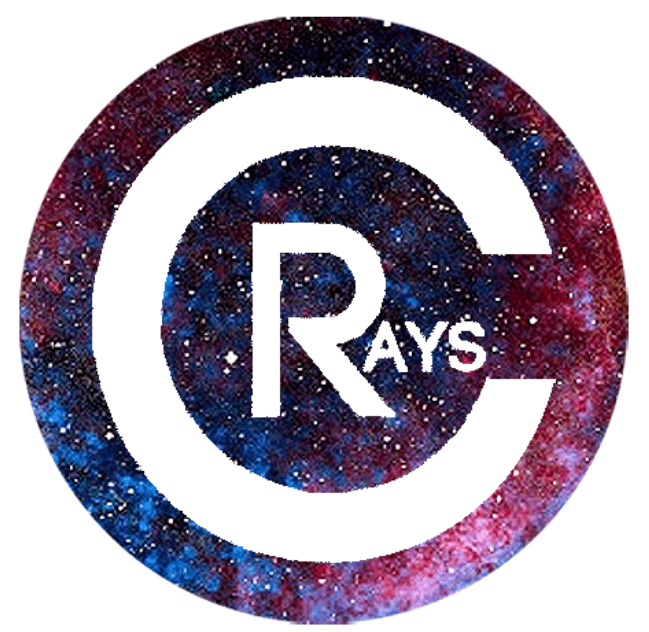




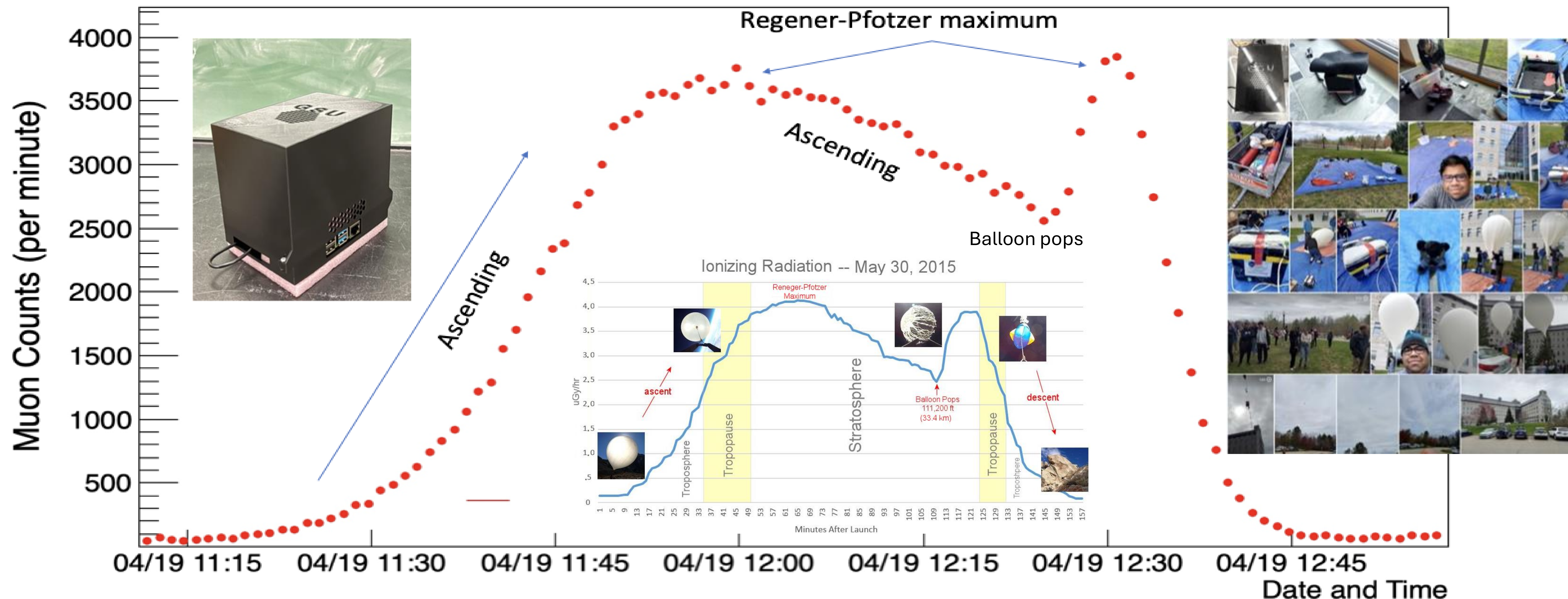
# High Altitude Balloon Cosmic Radiation Measurement



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**Abstract:** As a part of the GSU RISE project on cosmic ray studies, the team is developing a nanosatellite (CubeSat) detector for measuring the cosmic ray flux in the low earth orbit. Using the prototype CubeSat version of the detector, the members of the team conducted a measurement study on a high-altitude balloon (HAB). The experiment was conducted in collaboration with Middlebury College (Vermont, USA) students and faculty with balloon launch support from the company Launch with Us on 19 Apr 2024. This poster presents the results from this measurement study.

## Cosmic Ray Flux Time Series in Balloon Flight



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**RISE at GSU - Cosmic Ray Studies**  
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