

Abstract Submitted  
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**Results on composition from the Pierre Auger Observatory** EUN-JOO AHN, Fermi National Accelerator Laboratory, PIERRE AUGER COLLABORATION — Cosmic rays have now been observed for over a century. The nature and origins of the ultra high energy cosmic rays are questions that have yet to be definitively answered. The southern Pierre Auger Observatory, located in Argentina, is currently the world's largest detector of ultra high energy cosmic rays. With unprecedented amount of data collected, it is shedding light to questions on the what these energetic particles are by its spectrum and composition determination. We report on the recent results on composition from the Auger experiment.

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