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## Recent highlights from the Pierre Auger Observatory

*vendredi 16 mars 2018 18:00 (15 minutes)*

Ultra-high energy cosmic rays are the most energetic particles observed, reaching orders of magnitude above the LHC energy range. The Pierre Auger Observatory, located in Mendoza province, Argentina is the largest Ultra-high energy cosmic ray observatory in the world. Since the start of operation in 2004 the Observatory has reached unprecedented exposure and the high-quality data set spans three orders of magnitude in energy, yielding a plethora of scientific findings. A selection of recently published results on the large and intermediate scale anisotropies in Ultra-high energy cosmic ray arrival directions and search for neutrinos correlated with GW170817 will be presented in this contribution.

### Summary

**Auteurs principaux:** PIERRE AUGER COLLABORATION; BOHACOVA, Martina (Institute of Physics, Prague)

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**Classification de Session:** Friday afternoon: Cosmic rays and gravitation