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Ultra High Energy Cosmic Ray Propagation and Source Signatures

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Knowledge about the processes dictating UHECR losses during their propagation in extragalactic space allows the secondary species to be used to probe the source location. In this talk I will cover the state of our knowledge on these processes, and gives examples about properties of the sources that may be inferred from the observed secondary species at Earth. Some suggestion will also be provided as to how such multi-messenger studies may be taken further in the future.

Auteur principal: Prof. TAYLOR, Andrew

Orateur: Prof. TAYLOR, Andrew

Classification de Session: Sessions