

Session Program

13-15 Nov 2019

**XSCRC2019: Cross sections for Cosmic Rays @
CERN**

Cross sections and Ultra-high energy CRs

CERN, 4/3-006 - TH Conference Room

Thursday 14 November

16:30

Cross sections and Ultra-high energy CRs

Session | **Location:** CERN, 4/3-006 - TH Conference Room | **Convener:** Michael Unger

16:30–16:55

Uncertainties and relevance of photo-nuclear processes for UHECR propagation

Speaker

Denise Boncioli

16:55–17:20

PANDORA project: measurement of nuclear photo-disintegrations for extragalactic propagation of UHECRs

Speaker

Dr Atsushi Tamii

17:20–17:45

Proton-oxygen cross sections, the muon puzzle, and possibilities to solve it

Speaker

Dr Hans Peter Dembinski

17:45–18:05

"Revisiting γ absorption for UHE photons

Speaker

Giorgio Galanti

18:05