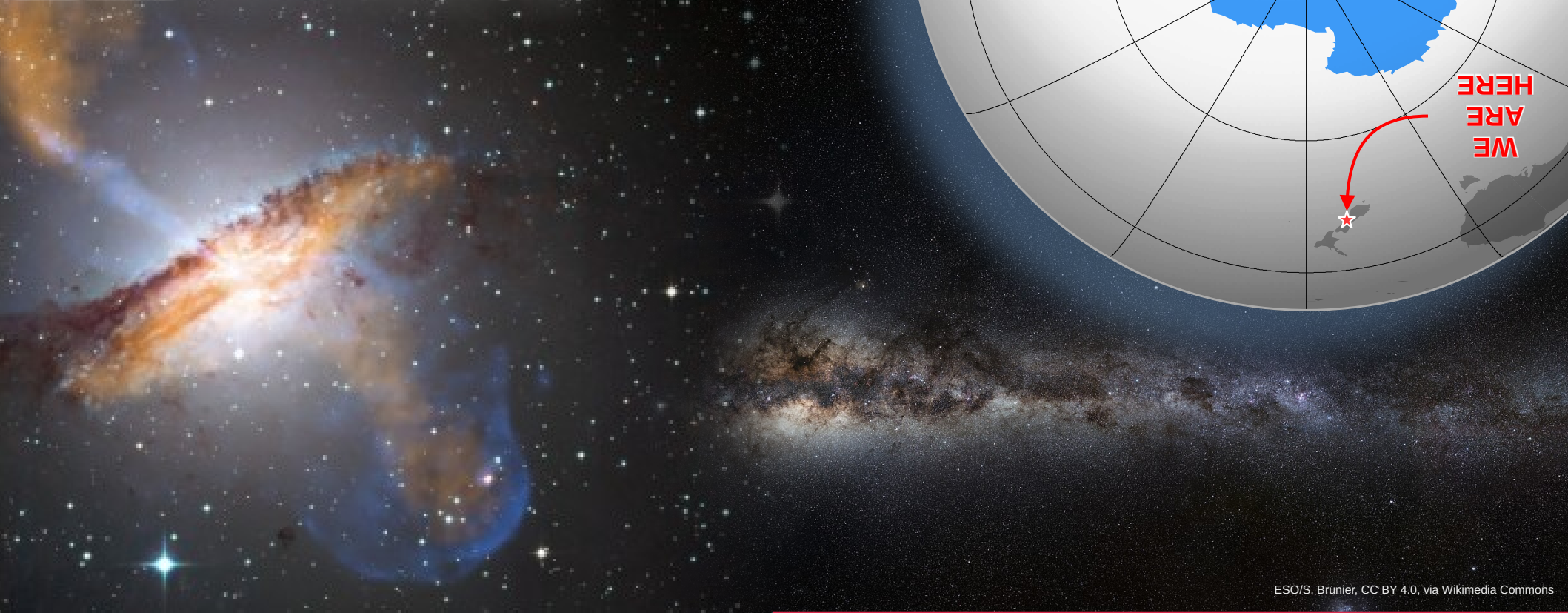
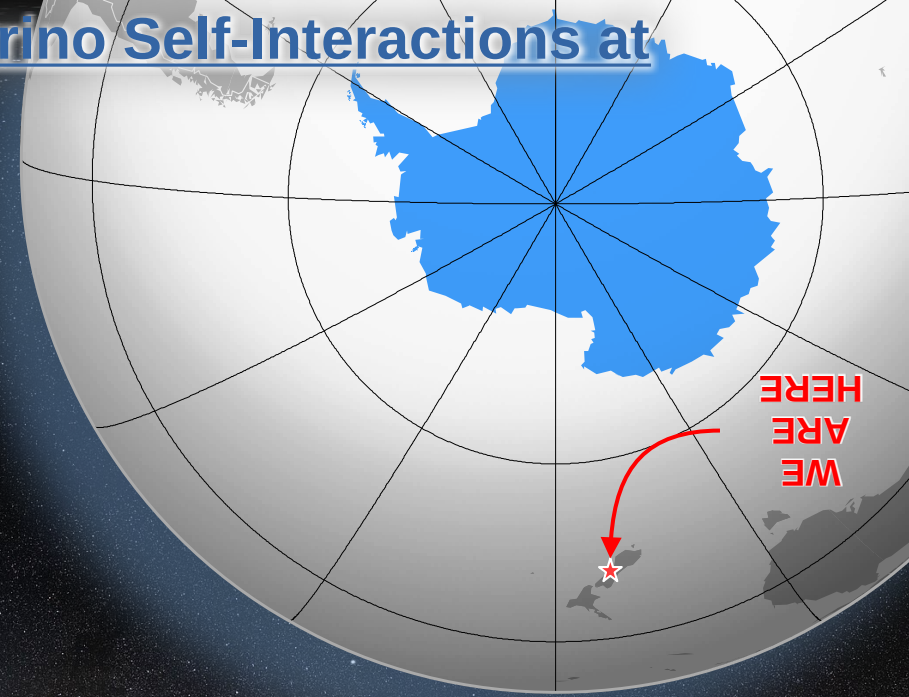


Spectral Signatures of Multi-Mediator Neutrino Self-Interactions at Ultra-High Energies

Ayushi Kaushik, Atri Bhattacharya, Kenji Nishiwaki

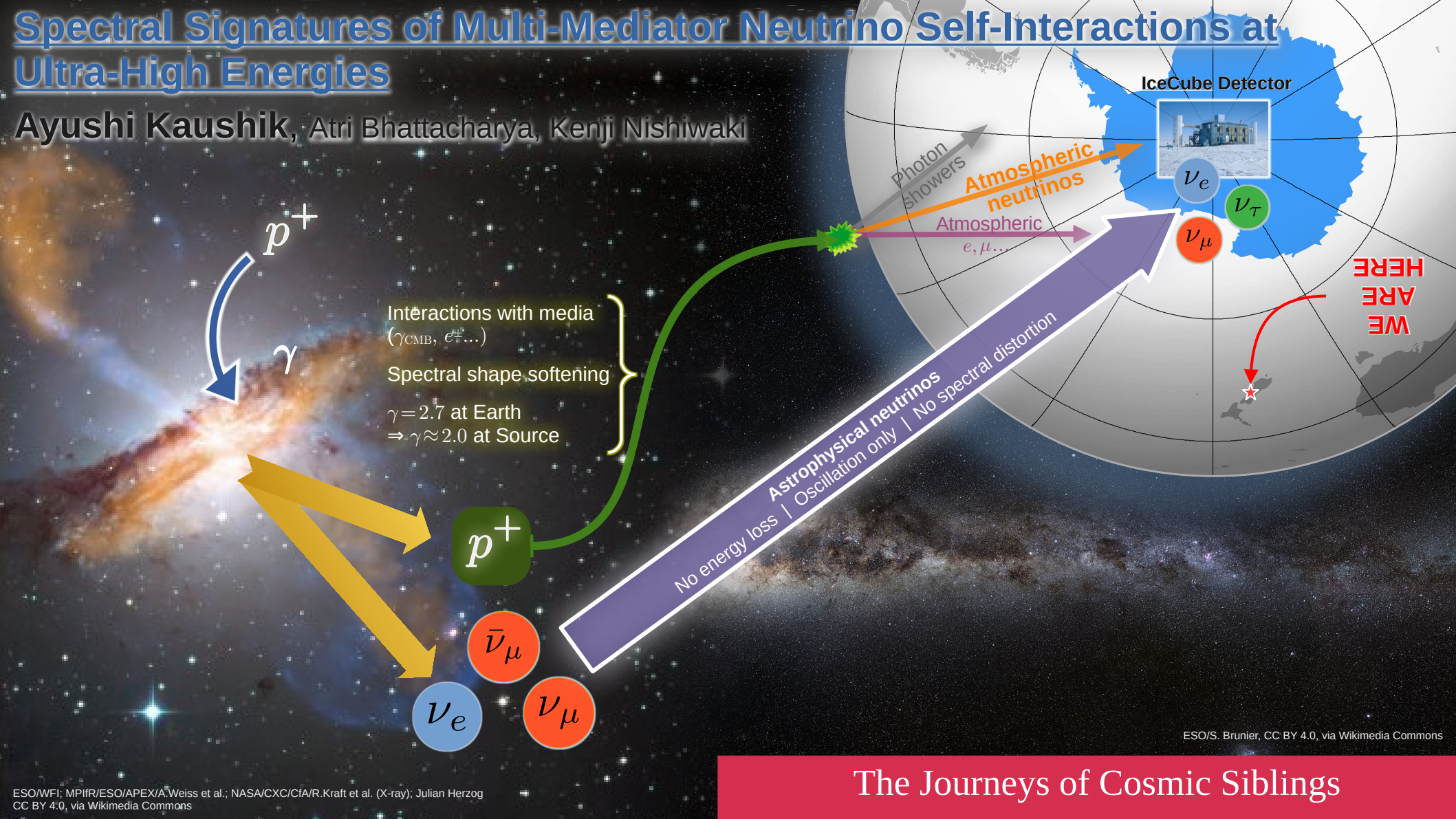
Shiv Nadar Institution of Eminence, India



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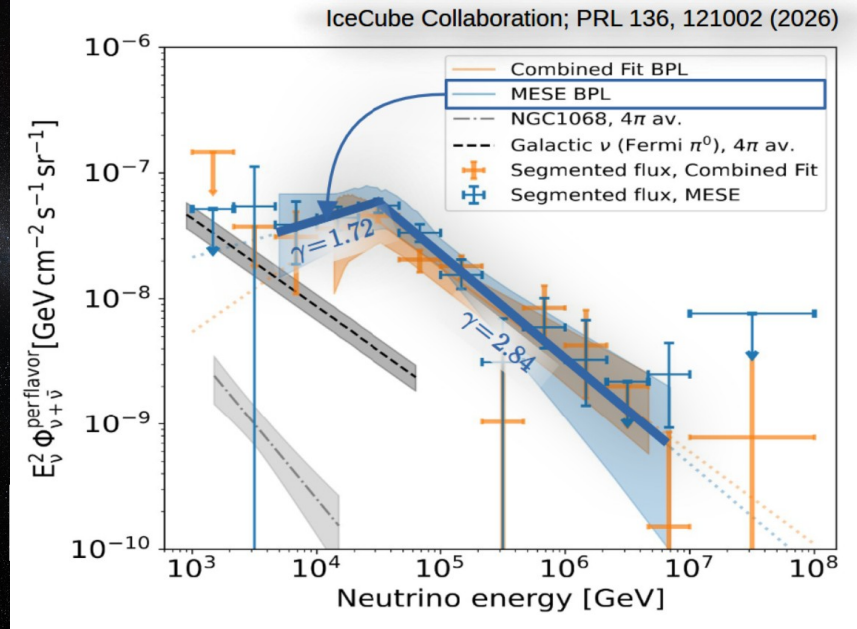
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The Journeys of Cosmic Siblings



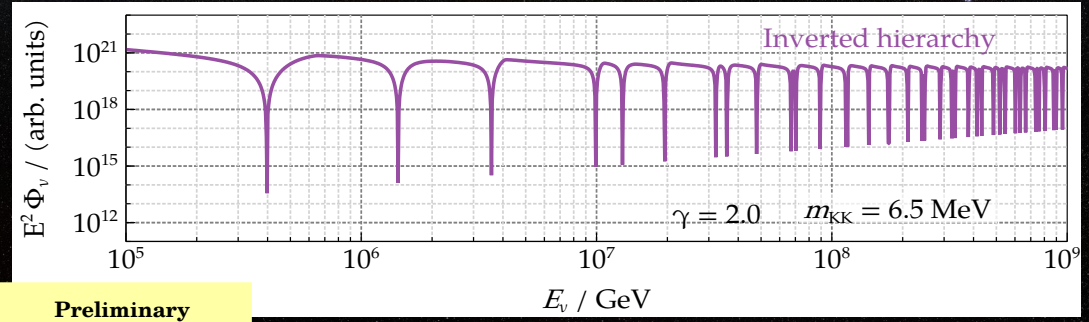
$\text{UHE}\nu$

$C\nu B$

$Z'(n)$

**UHE ν
Attenuation**

Modified Flux



Preliminary

