



Research Field: SPACE PHYSICS

Focused Field: SPACE ENERGETIC PARTICLES NUMERICAL SIMULATION



### SHORT BIO

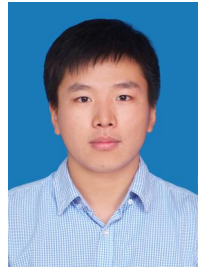
Following a Bachelor's degree in Physics at Zhengzhou University in June, 2013, I was offered a Ph.D degree under the supervision of Prof. Gang Qin in June, 2018, at National Space Science Center, Chinese Academy of Sciences.

In 2018, I accepted a post-doctoral position at Institute of Space Science and Applied Technology in Harbin Institute of Technology, Shenzhen.

In 2022, I was offered a position as an assistant professor at State Key Laboratory of Lunar and Planetary Sciences, Macau University of Science and Technology. My research interests are theoretical or computational research and data analysis in space physics, especially in solar energetic particles and galactic cosmic ray, acceleration, transport processes in the heliosphere.

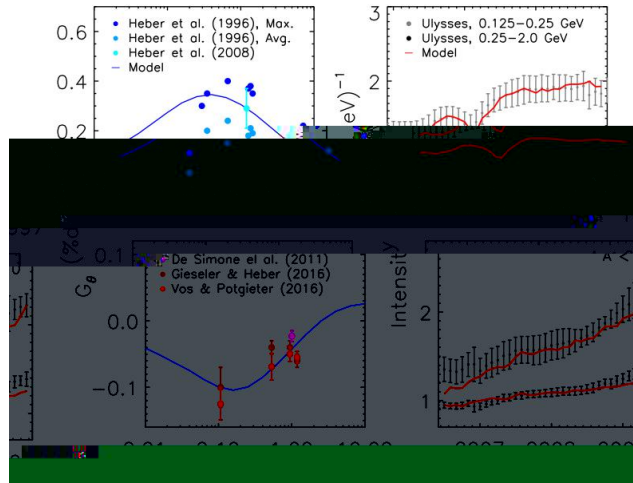
Asst. Prof.

## ZHENNING SHEN



National Space Science Center, CAS

Zhengzhou University



Latitudinal distribution of GCRs (Shen et al. )

### KEY PUBLICATIONS (first author)

- , et al., , Solar Modulation of Galactic Cosmic-Ray Protons Based on a Modified Force-Field Approach, ( ), .
- , et al., , Numerical Modeling of Latitudinal Gradients for Galactic Cosmic-Ray Protons during Solar Minima: Comparing with Ulysses Observations, ( ), .
- , et al., . A Study of Variations of Galactic Cosmic-Ray Intensity Based on a Hybrid Data-processing Method, ( ), .
- , et al., . Modulation of Galactic Cosmic Rays from Helium to Nickel in the Inner Heliosphere, ( ), .

### PROFESSIONAL EXPERIENCE

Macau University of Science and Technology, Macau, China — Assistant Professor  
Harbin Institute of Technology, Shenzhen, Shenzhen (China) — Postdoc

### GRANTS

- NSFC — — PI: Modulation of Galactic Cosmic Rays During Periods of High Solar Activity

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