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Education

Ph.D. in Planetary Science, University of Arizona, Tucson, AZ. 2018 — present
B.S. in Astronautics, Beihang University, Beijing, China 2014 — 2018

Research Experience

Research Assistant, Advisor: Prof. Joe Giacalone 2018 — present
Lunar and Planetary Laboratory, University of Arizona
Research Assistant, Advisor: Prof. Huishan Fu 2016 — 2018
Space Plasma Research Team, Beihang University
CAS Internship Summer 2017
National Astronomy Observatory of China, Chinese Academy of Sciences

Publications

Chen, X., & Giacalone, J., SEPs Acceleration at a Spherical CME-Driven Shock in which θ_{Bn} Varies along its Surface (In Progress)
Chen, X. H., Fu, H. S., Liu, C. M., Cao, D., Wang, Z., Dunlop, M. W., Chen, Z. Z., & Peng, F. Z. (2017). Magnetic nulls in the reconnection driven by turbulence. *ApJ*, 852(1), 17.
Giacalone, J., Mitchell, D. G., Allen, R. C., et al. (2020). Solar Energetic Particles Produced by a Slow Coronal Mass Ejection at ~ 0.25 AU. *ApJS*, 246, 29.
Fu, H. S., Wang, Z., Zong, Q. G., **Chen, X. H.**, He, J. S., Vaivads, A., & Olshevsky, V. (2020). Methods for finding magnetic nulls and reconstructing field topology: A review. in *Dayside Magnetosphere Interactions*, eds. Q. Zong, et al. (Wiley), 153

Presentations

Chen, X., & Giacalone, J. (2019). SEPs Acceleration at a Spherical CME-Driven Shock in which θ_{Bn} Varies along its Surface. *AGU Fall Meeting*. (Poster)
Chen, X., & Giacalone, J. (2019). Transport of SEPs from time-varying sources near the Sun. *SHINE Conference*. (Poster)
Chen, X. H., Fu, H. S., Liu, C. M., Cao, D., Wang, Z., Dunlop, M. W., Chen, Z. Z., & Peng, F. Z. (2017). Magnetic Nulls in the Reconnection Driven by Turbulence. *Annual Meeting of Chinese Geoscience Union (CGU)*. (Talk)

Awards

Galileo Circle Scholarship 2020
MIT Scholarship 2018
(Ministry of Industry and Information Technology, China)
Feng Ru Cup Prize 2018
(Academic Scientific and Technological Works Competition)
Li Jinji's Scholarship 2017