

SHORT BIO

I received the Ph.D. at Cosmochemistry Group, led by Dr. Weibiao Hsu, in Purple Mountain Observatory, University of Chinese Academy of Sciences in 2017.

From 2017-2019, I worked as a postdoc in the School of Astronomy and Space Science, Nanjing University. In 2019, I was offered a position as an assistant professor at the SKL-Planet, MUST. I've been assigned as the Cosmochemistry Group leader and set up the cosmochemistry experimental platform.

My researches focus on impact-related processes in planetary formation and evolution using in-situ and microscopic observations and analyses on petrography, mineralogy, and geochemistry of minerals in meteorites and mission-returned samples. I am also teaching cosmochemistry courses for graduate students.

Asst. Prof.

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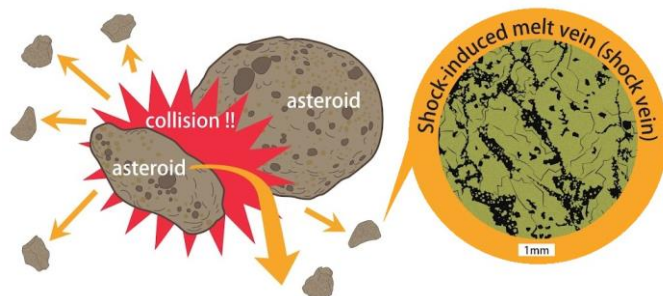
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PhD: **Astrophysics** – Purple Mountain Observatory, CAS

Masters: **Planetary Geology and Geochemistry** – CUG (Wuhan)

Undergraduate Degree: **Geology** – CUG (Wuhan)



Adapted from Tomioka and Miyahara (2017)

PROFESSIONAL EXPERIENCE

2019 – Present – Macau University of Science and Technology (MUST) – Assistant Professor

2017 – 2019 – School of Astronomy and Space Science, Nanjing University – Post Doctoral

RESEARCH INTERESTS

1. Lunar magmatism,
2. Formation and differentiation of planetesimals,
3. Mineralogical and geochemical effects of planetary impacts.

REPRESENTATIVE PUBLICATIONS

- Li, S.-L., Hsu, W.-B., Nemchin, A., Che, X.-C., Liu, D.-Y., Long, T., Luo, Y.-X., Beard, S. and Tang, C.-P. (2021) Multiple thermal events recorded in IIE silicate inclusions: Evidence from in situ U-Pb dating of phosphates in Weekeroo Station. *Geochim. Cosmochim. Acta* 309, 79-95.
- Li, S.-L. and Hsu, W.-B. (2018) The nature of the L chondrite parent body's disruption as deduced from high-pressure phases in the Sixiangkou L6 chondrite. *Meteorit. Planet. Sci.* 53, 2107-2122.
- Li S.-L. and Hsu W.-B. (2018) Dating the high-pressure phosphate in shock melt veins of Suizhou L6 chondrite. *American Mineralogist* 103, 1789-1799.
- Li, S.-L., Hsu, W.-B., Guan, Y.-B., Wang, L.-Y. and Wang, Y. (2016) Petrogenesis of the Northwest Africa 4898 high-Al mare basalt. *Meteorit. Planet. Sci.* 51, 1268-1288.
- 李少林, 徐伟彪 (2014) 新疆罗布泊地区发现陨石富集区. *科学通报*, 2091-2097.

CURRENT GRANTS

Laboratory analysis of Chang 'e-5 returned samples, supported by FDTC, 2021.6-2024.6, **PI**