



月球與行星科學國家重點實驗室（以下簡稱實驗室）及太空科學研究所為本次開放日活動精心準備了大量的隕石樣品及一部分化石標本，以供同學們和訪客觀賞，展覽館位於 A 座 5 樓。

The State Key Laboratory of Lunar and Planetary Sciences (SKLPlanets) and Space Science Institute (SSI) has carefully prepared a large number of meteorite samples and some fossil specimens for this Open Day event, for the appreciation of visitors, which are exhibited on the 5th floor of Building A.



月球與行星科學國家重點實驗室走廊

Corridor of The State Key Laboratory of Lunar and Planetary Sciences

隕石是地外天體的碎片穿過大氣層隕落至地球的岩石樣品，是人類認識深邃天空的直接實物！本實驗室的天體化學課題組通過研究隕石探索地外星雲過程和行星過程。同時，隕石也具有較高的收藏價值和觀賞性。

Meteorites are rock samples that are fragments of extraterrestrial bodies that have passed through the atmosphere and fallen to Earth. They are direct physical evidences for humans to understand the vastness of the sky! The Cosmochemistry Research Group in SKLPlanets explores extraterrestrial nebula processes and planetary processes through the study of meteorites. Additionally, meteorites have high collection value and aesthetic appeal.



本次開放日展覽的隕石類別較多，包括球粒隕石、原始無球粒隕石、分異型無球粒隕石、石鐵隕石、和鐵隕石。其中，石鐵隕石中的橄欖隕鐵觀賞性較強，能清晰地看見鐵鎳金屬中嵌入橄欖石等透明矽酸鹽礦物，猶如石榴切面，錯彩鏤金，精緻靚麗。值得一提的是，本實驗室推出了橄欖隕鐵中極為珍貴的阜康橄欖隕鐵切片，以及絢麗奪目的“橄欖隕石皇后”伊米拉克橄欖隕鐵。這些隕石都比較罕見！

This exhibition during the open day features a wide variety of meteorites, including chondrites, primitive achondrites, differentiated achondrites, stony-iron meteorites, and iron meteorites. Among them, the pallasites, a type of stony-iron meteorite, are particularly aesthetically pleasing, with olivine and other transparent silicate minerals clearly embedded in the iron-nickel metal, resembling a pomegranate cross-section, intricately patterned and exquisitely beautiful. Notably, the laboratory has introduced extremely rare slices of the Fukang pallasite and the stunning "Queen of Pallasites," the Imilac pallasite. These meteorites are quite rare!



阜康橄欖隕鐵切片

Fukang pallasite slice



智利依米拉克橄欖隕鐵

Imilac pallasite slice



為了提升隕石的審美層次，收藏家除了將隕石以原石或切片的形式展示外，還會對隕石進一步加工，做成手工藝術品。本次展覽還推出了2把使用鐵隕石製作的刀劍，即越王勾踐隕鐵劍和“縫衣針”。

To enhance the aesthetic value of meteorites, collectors not only display them as raw stones or slices but also further process them into handcrafted art pieces. This exhibition also features two swords made from iron meteorites: the Sword of King Goujian of Yue and the "Sewing Needle."



越王勾踐劍隕鐵製品

Sword of King Goujian of Yue made from iron meteorite

同時，本次開放日展覽還特意介紹了發生於 6600 萬年前的小行星撞擊地球導致生命大滅絕事件。展出了一些恐龍及近親生物的化石，以及墨西哥灣撞擊坑的岩芯。

Additionally, the open-day exhibition specifically introduces the asteroid impact event that occurred 66 million years ago, which led to a mass extinction of life. It displays some fossils of dinosaurs and their close relatives, as well as core samples from the impact crater in the Mexico bay.



近鳥龍化石

Fossil of the *Anchiornis*



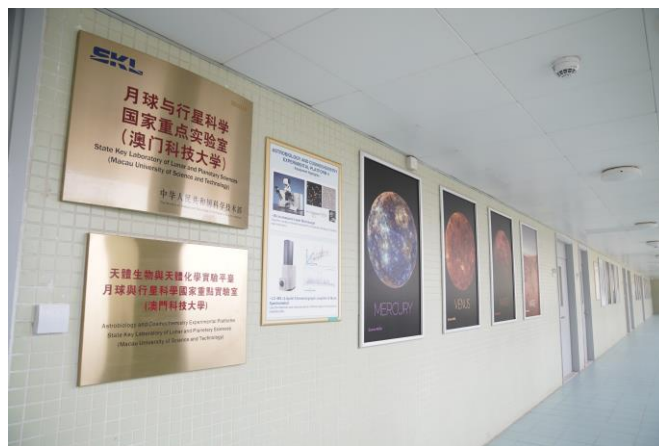


由於展出內容比較豐富，本實驗室特意推出了《展品手冊》，全面而深入地對這些展品一一進行介紹。

另外，還充分準備了實驗室參觀環節，帶各位同學們及訪客了解天體生物和天體化學實驗室的日常工作。

Given the richness of the exhibition content, SKLPlanets has specially prepared a “Exhibition Handbook” to provide comprehensive and in-depth introductions to each of the exhibits.

Additionally, we have thoroughly prepared a laboratory tour to help visitors understand the daily work of our Astrobiology and Cosmochemistry laboratories.



天體生物與天體化學實驗平台走廊

Corridor of the Astrobiology and Cosmochemistry Laboratory Platform



天體生物與天體化學實驗平台

Astrobiology and Cosmochemistry Laboratory Platform



參觀共設7場，時間分別為 There are a total of seven tours scheduled, with the times as follows: 10:00、11:00、12:00、14:00、15:00、16:00、17:00。

參觀完成後，將派發限量版紀念品，先到先得。

Upon completion of the tour, limited souvenirs will be distributed on a first-come, first-served basis.



相信各位能在本次校園開放日中收穫滿滿！

We believe that everyone will have a fulfilling and enriching experience during this Campus Open Day!