专题：深空天体测绘与环境感知技术

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简介：随着人类空间探测技术的不断发展，月球与深空探测已经成为测绘遥感领域的前沿。本专题聚焦深空天体测绘与环境感知技术的最新进展及在深空探测任务中的应用，交流地外天体全域遥感处理、三维形貌测绘、着陆导航避障、智能环境感知等方向的新理论、技术与方法；共同探讨人工智能时代深空天体测绘与环境感知技术的未来前景与挑战。

Topic：Deep Space Planetary Mapping and Environmental Perception Technology

Intro: With the continuous development of human space exploration technology, lunar and deep space exploration has become the frontier in the field of surveying and remote sensing. This session focuses on the latest progress of deep space planetary mapping and environmental perception technology and its applications in deep space exploration missions. In this session, it is welcome to communicate new theories, technologies and methods in the directions of extraterrestrial large-scale remote sensing processing, 3D topography mapping, landing navigation and obstacle avoidance, and intelligent environmental perception; and to discuss the future prospects and challenges of deep space planetary mapping and environmental perception technology in the era of artificial intelligence.