



Announcement for the First Swarm (ESA) and MSS-1 (Macau) Joint Scientific Conference



Location: Macau University of Science and Technology, Macau

Date: 12 - 15 May 2025

Theme Introduction:

The Swarm satellite trio, launched into nearly polar orbits on 22 November 2013, and the MSS-1 twin satellites, launched into low-inclination orbits on 21 May 2023, provide high-precision absolute measurements of Earth's magnetic field and its variations. The primary objective of both the Swarm and MSS-1 missions is to investigate these variations and the associated electric currents inside and around the Earth via analysing the temporal-spatial characteristics of the measured geomagnetic field. For the purpose of effectively making use of both Swarm and MSS-1 data to study the coupled Earth's system from its liquid core to magnetosphere, we are excited to announce *the First Swarm (ESA) and MSS-1 (Macau) Joint Scientific Conference* to be held at Macau.

Detailed Information:

Deadline for Registration: 15 Feb, 2025

Registration Fees: None

Registration Website: <https://mista.must.edu.mo/id-2965/article/view/id-31089.html>
(where you can obtain more information about the conference and travel)

Conference Secretary (Macau): Dior Kwok (cmkwok@must.edu.mo, please contact Dior if you need any Macau local information)

Conference Secretary (ESA): Enkelejda Qamili (Enkelejda.Qamili@ext.esa.int)

The Organizers of the Conference: Keke Zhang (Macau), Anja Stromme (ESA), Phil Livermore (Leeds), Nils Olsen (DTU), Enkelejda Qamili (ESA) and Yongxin Pan (CAS)

