

→ FOURTH SWARM SCIENCE MEETING AND GEODETIC MISSIONS WORKSHOP

ESA's magnetic field and geospace explorer
constellation mission widening the context

20–24 March 2017 | Banff, Alberta, Canada

Meeting Objectives

The Fourth Science Meeting aims to provide a platform for sharing research and application results obtained using data from the Swarm constellation and complementary missions and data sources (e.g. e-POP, GOCE, GRACE, Cluster, Cryosat, and ground-based observations). Organised approximately three and half years after launch and about one year before the end of the mission's nominal lifetime, the meeting will be instrumental in collecting, analysing and discussing input in view of a possible mission extension. Topics to be discussed cover all mission objectives, i.e. the measurement and modelling of all contributors to Earth's magnetic field, and the understanding of highly complex magnetic and electric fields and plasma processes in the near-Earth space environment and their coupling to the neutral atmosphere. We furthermore welcome contributions dealing with space weather and the use of Swarm and related data for geodetic purposes.

Innovative uses of Swarm constellation data and demonstrations of new scientific potential are particularly encouraged.

The meeting will also feature a one-day Geodetic Missions Workshop on the synergies between, and the applications of, gravimetric and altimetric satellite missions.

Meeting Details

Co-sponsored by the University of Calgary and supported by the Canadian Space Agency the meeting is open to all interested stakeholders and data users. There will be no conference fee but participants are required to finance their own travel and accommodation.

Venue: Park Lodge Hotel, Banff, Alberta

Further information can be found on the dedicated website:

www.swarm2017.org