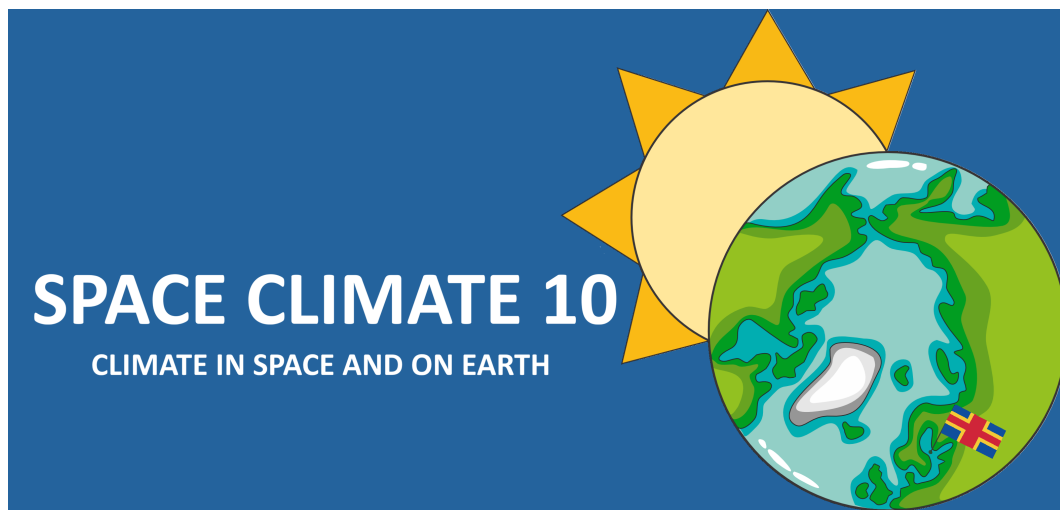


Session Program

8-12 Jun 2026



Space Climate 10

3.1 Extreme events and worst-case scenarios (chair Agnieszka Gil-Świdowska)

Thursday 11 June

13:45

3.1 Extreme events and worst-case scenarios (chair Agnieszka Gil-Świdorska)

Session | **Location:** Åland Maritime Museum, HAMNGATAN 2 | **Convener:** Florian Mekhaldi

13:45–14:05 **Four Millennia of Solar Activity from ^{14}C in Tree-Ring**

Speaker

Nicolas Brehm

14:05–14:25

Multi-Regional Radiocarbon Evidence for Unusual Solar Behaviour in the Late Middle Holocene

Speaker

Jian Wang

14:25–14:45

Bridging the gap between extreme and modern SEP events: high-precision ^{14}C analysis of the 1279 CE event

Speaker

Fusa Miyake

14:45–14:57

Assessing the Strength and Timing of Extreme Solar Particle Events from $\Delta^{14}\text{C}$ Data via SOCOL:14C-Ex Climate-Chemistry Model

Speaker

Sergey Koldobskiy

14:57–15:09

New millennial scale reconstruction of solar magnetic activity at annual resolution from cosmogenic proxies

Speaker

Chitradeep Saha

15:09–15:21

High-latitude evidence for a rapid ^{14}C onset of the ~660 BC event

Speaker

Jonas Uusitalo

15:21–15:33

Radiocarbon variations in tree rings of Patagonia around SPE1956: what can we learn about the extreme solar eruption?

Speaker

Irina Panyushkina

15:33–15:45

Are signals from historical supernovae observable in the radiocarbon record?

Speaker

Timothy Jull

15:45