

Session Program

19-21 Aug 2026

HAMLET-PHYSICS 2026 Conference

Plenary: Climate, Earth, Environment

Niels Bohr Building, Margrethe Bohr Salen
Jagtvej 155a, Copenhagen

Friday 21 August

13:05

Plenary: Climate, Earth, Environment

Session | Location: Niels Bohr Building, Margrethe Bohr Salen, Jagtvej 155a, Copenhagen

13:05-13:25

Deterministic Collapse and Stochastic Recovery in a Data-Driven Model of the Atlantic Meridional Overturning Circulation

Speaker

Qi-fan Wu

13:25-13:45

Transferability and application of climate emulators to produce Antarctic ice sheet surface mass balance

Speaker

Clément Cherblanc

13:45-14:05

Interpretable Target-Aware Deep Learning: Linking Weather Patterns to Precipitation

Speaker

Mr Jonathan Ortved Melcher

14:05-14:10

From Micro to Macro-World: Device-Agnostic Single-Emitter Super-Resolution Imaging using Deep Learning

Speaker

Dominik Vařinka

14:10-14:15

Does extrinsic flux patterns support clustering by intrinsic oscillations in insect lidar?

Speaker

Mikkel Brydegaard

14:15-14:20

Magnetic-field controlled perfect chirality in a on-chip coherent spin-photon interface

Speaker

Dr Shikai Liu

14:20-14:25

Outlier Detection in the BedMap Dataset

Speaker

Mr Janik Happel

14:25