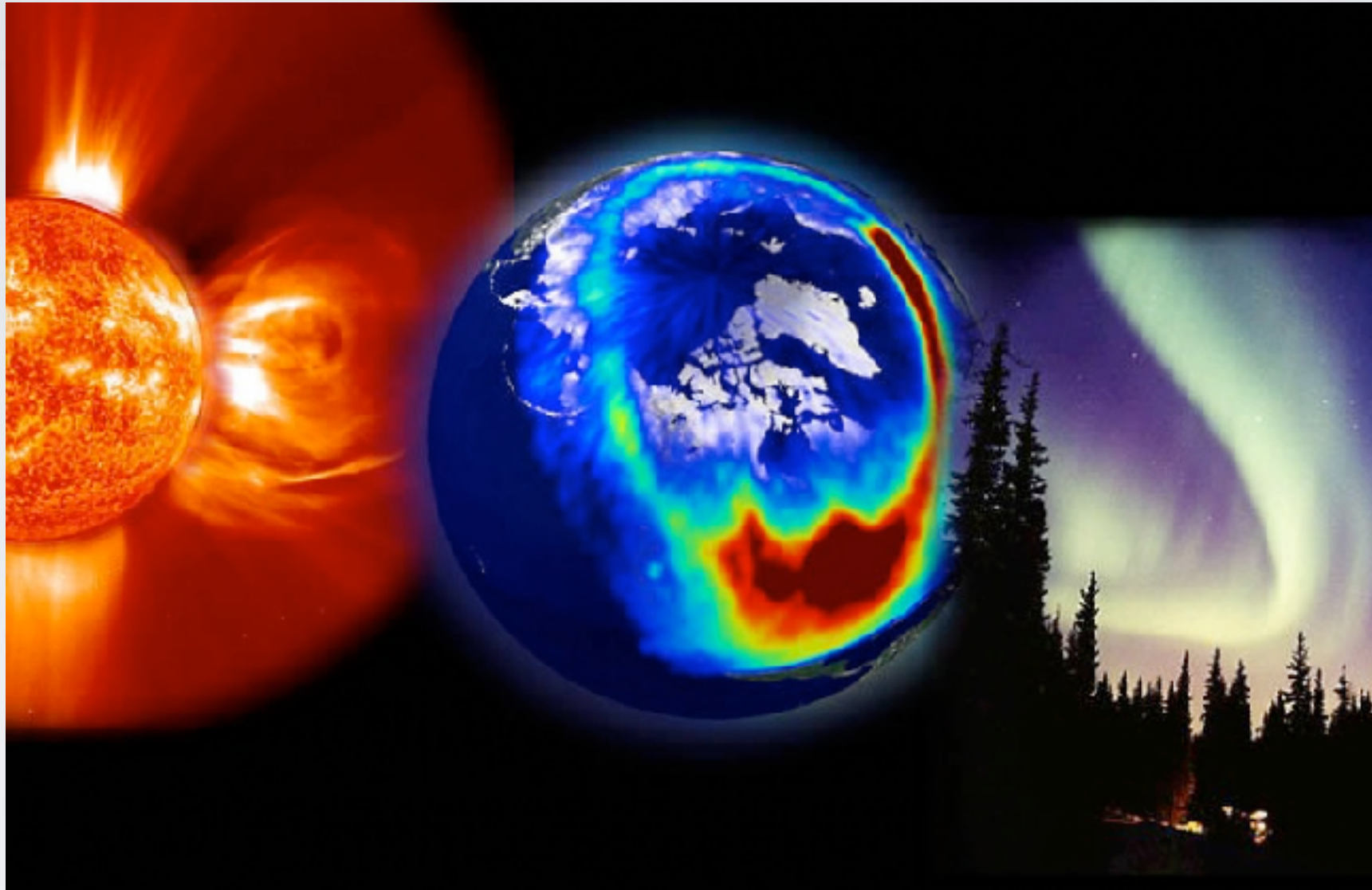


The Stormy Sun and the Northern Lights

AGF-216

2024



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Monday 12 (18:15-20:00):

The Northern lights - from myths and history to modern science (P.Brekke)

The Northern lights - Observations, prediction and photography (P.Brekke)

Tuesday 13 (18:15-20:00):

An introduction to the Sun - a variable star (P.Brekke)

From Galileo to modern space based observations of the Sun (P.Brekke)

Wednesday 14 (18:15-20:00):

Solar storms, space weather and climate (P. Brekke)

Solar Storms and Northern lights - how to predict the Aurora (P.Brekke)

Thursday 15 (18:15-20:00):

Solar effects the Earths atmosphere (N. Partamies)

The EISCAT Svalbard Radar - monitoring the upper atmosphere. (K. Herlingshaw)

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Monday 19 (18:15-20:00):

Why study the aurora? From Halde to KHO. Color photography. (F. Sigernes)

An introduction to the Aurora Forecast 3D (F. Sigernes)

Tuesday 20 (1400-18:00) - Meet 13:50

Excursion to KHO and EISCAT for students sitting the exam (F. Sigernes/K. Herlingshaw/P. Brekke - Weather permitted)

Wednesday 21 (18:15-20:00):

Norwegian participation in space and satellite activities (P. Brekke)

Summary for AGF216 - Q&A. Preparing for the Exam

Thursday 22 (1430-1700):

Excursion to Svalsat for students sitting the exam(KSAT/P. Brekke - Weather permitted)

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At least 80% attendance on all teaching activities is required to be registered for the exam.

Attendance sheet must be filled in on each lecture / excursion.

Excursion only for those signed up for/will take the exam (due to limited space).

FINALE DATE FOR WITHDRAWAL FROM THE EXAM: MONDAY FEBRUARY 19th

Written note/E-mail to Study@unis.no

EXAM: Monday February 26 12:00 - 15:00 (meet at latest at 11:45)

Web: <http://www.unis.no/course/agf-216-the-stormy-sun-and-the-northern-lights/>