

**EISCAT\_3D & FRISK meeting nr. 10**  
**"Grand Challenge Initiative - Mesosphere project"?**

19th October 2018

The Arctic University of Norway, UiT, Teknologibyget Room 3.028

**Conveners: Ingrid Mann, Jøran Moen & Kolbjørn Blix**

Participants: According to invitation list  
Preparations: Read minutes from meeting nr. 9 (attached)

**08:30 - 10:00**

EISCAT\_3D board meeting (closed)

**10:00 - 10:30 Coffee**

**10:30 - 10:50**

EISCAT\_3D update (Ingrid)

**10:50 - 11:10**

Space Debris Observations with EISCAT (Juha)

FRISK #10

**11:10 - 11:30**

G-CHASER (GCI student rocket)

Henriete Trollvik and Tinna Gunnarsdottir  
The UiT student experiment on G-Chaser

**11:30 - 12:00**

News & updates from each institution  
DLR sounding rocket program:Status

Ongoing projects:  
NUCLEUS hybrid rocket (Nammo & ASC)  
Status and future plans (Onno (Kolbjørn))

The Grand Challenge Initiative - CUSP project: (Jøran & Kolbjørn)  
Motivation, scientific driver, realization, status  
Datasharing using SIOS

ICI-5 sounding rocket (UiO)

CaNoRock & CaNoSat (Kolbjørn/Jøran):  
CaNoSat & International Space Master degr.

ASC Hotel Payload development:  
4Dspace, water proof housekeeping

**12:00 - 12:30**

"Grand Challenge Initiative - Mesosphere project"?  
Why, how and who? (Kolbjørn, Jøran)

Ground-based instruments - existing and plans (TGO / Bjoern)  
Science ideas, volume, time span (Ingrid, Jøran)  
Rockets, Radars and Ground-based networks  
Roles of Norwegian inst: UiT, UiO, UiB, NTNU, UNIS, others?

**12:30 - 13:30**

**Lunch**

**13:30 - 14:00**

"Grand Challenge Initiative - Mesosphere project" cont.  
COSIMA: COMbined Science initiative for In-situ  
measurements in the Middle Atmosphere (Luebken & al)

**14:00 - 14:30**

Way forward?  
Research plan  
Who to invite (IAP, Leeds Univ., MISU, Alaska Fairb., ESRANGE, DLR, NASA  
(Goddard), ISAS/JAXA.....)

**14:30 - 15:00**

Any other business

Next meeting

Confirmed participants:

Amund Gjersvik (NTNU)  
Anja Strømme (NSC)  
Björn Gustavsson (UiT)  
Henriete Trollvik (UiT)  
Inger Solheim (UiT)  
Ingrid Mann (UiT)  
Jøran Moen (UiO)  
Juha Vierinen (UiT)  
Kjellmar Oksavik (UiB)  
Kolbjørn Blix (ASC)  
Michael Gausa (ASC)  
Patrick Espy (NTNU)  
Sveinung Olsen (UiT)  
Tinna Gunnarsdottir (UiT)  
Tore André Bekkeng (Eidel)  
Ulf-P. Hoppe (FFI), (UiT)  
Unni Pia Løvhaug (UiT)  
Åshild Fredriksen (UiT)  
Kjellmar Oksavik (UiB)  
Michael Gausa (ASC)  
Kjell Bøen (ASC)

