

# Your session proposal submission has been received

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You have submitted the following Session Proposal to the AGU Fall Meeting 2021.

## Grand Challenge Initiative - Mesosphere / Lower Thermosphere Project

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**Session Title:**

Grand Challenge Initiative - Mesosphere / Lower Thermosphere Project

**Session Description:**

This is the second planning meeting to discuss science investigations and topics for the upcoming Grand Challenge Initiative -- Mesosphere/Lower Thermosphere (GCI-MLT). GCI-MLT is a follow-on to the successful GCI-Cusp campaign which has been ongoing since Dec 2018. GCI-MLT will have an expanded scope, with more international participation, a more geographically diverse set of observations, and more diversity in platforms (ground-based, balloon, aircraft, rocket, satellite) to address critical problems in MLT physics. GCI-MLT is an "umbrella" designed to coordinate and provide synergies for projects that will be funded through regular funding agencies. GCI-MLT does not provide funding, but it does provide a way for us all to work together and maximize the impact of our research. We work towards forming GCI-MLT around several existing rocket and balloon missions, and then developing proposals for other investigations (ground-based, balloon, rocket, aircraft, satellite) that will fit around these "anchor" missions.

**Primary Section/Focus Group:**

Atmospheric Sciences

**Virtual Participation:**

I prefer to hold the session virtually or in person (hybrid).

**Alternate Type(s):**

Panel Format - If approved, formal panel discussion in an oral session setting.

**Index Terms:**

0340 Middle atmosphere: composition and chemistry [ATMOSPHERIC COMPOSITION AND STRUCTURE]

0342 Middle atmosphere: energy deposition [ATMOSPHERIC COMPOSITION AND STRUCTURE]

0355 Thermosphere: composition and chemistry [ATMOSPHERIC COMPOSITION AND STRUCTURE]

0358 Thermosphere: energy deposition [ATMOSPHERIC COMPOSITION AND STRUCTURE]

**Sub Category:**

Physics/Dynamics/Climate

**Cross-Listing(s):**

No

**Co-Sponsor(s):**

No

**Co-Organized:**

No

**Primary Convener**

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**Kolbjorn Blix****Primary Email: kolbjorn@andoyaspace.no****Affiliation(s):****Andoya Space  
Andenes 8480 (Norway)****Convener**

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**Douglas E. Rowland****Primary Email: Douglas.E.Rowland@nasa.gov****Affiliation(s):****NASA Goddard Space Flight Center  
Greenbelt MD (United States)****Primary Liaison**

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**Kolbjorn Blix****Primary Email: kolbjorn@andoyaspace.no****Affiliation(s):****Andøya Space Center  
Andenes 8480 (Norway)**

**If necessary, you can make changes to your session proposal between now and the deadline of: 14 April 2021 23:59 EDT/03:59 +1 GMT**

- To access your submission in the future, point your browser to [User Portal](#)
- Your Session ID# is: 120002.
- Any changes that you make will be reflected instantly in what is seen by the reviewers.
- You DO NOT need to go through all of the submission steps in order to change one thing. If you want to change the title, for example, just click "Title" in the session proposal control panel and submit the new title.
- When you have completed your submission, you may close this browser window or submit another session [User Portal](#).

**[Tell us what you think of the session proposal submittal process.](#)**