2024 Workshop: Tutorials and feedback on CEDAR databases

Long title
Tutorials and user feedback on some of the major databases of CEDAR science
Conveners
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Description

In this session, representatives from some of the larger CEDAR associated scientific observation databases will be presenting brief tutorials on accessing their databases. The session will also allow the community to ask questions and provide \user feedback. The conveners will cover CEDAR Madrigal, SuperDARN, GIRO, and SuperMAG, and other talks will be encouraged. A topic of particular interest to CEDAR scientists, meeting FAIR data requirements and citation of data sets in scientific papers, will also be covered.

Agenda

13:30-13:35 Introduction
13:35-13:45 AMPERE: Sarah Vines [SwRI]13:45-13:55 SuperMAG: Jesper Gjerloev [APL]
13:55-14:05 Madrigal: Bill Rideout / Katherine Cariglia [MIT Haystack]
14:05-14:15 GIRO: Ivan Galkin [Lowell Digisonde International]
14:15-14:25 SuperDARN: Evan Thomas [Dartmouth]
14:25-14:35 MANGO: Jonathan Makela [UIUC]
14:35-14:45 CCMC: Ja Soon Shim [NASA GSFC]
14:45-14:50 Brief DMSP Status: Phil Erickson on behalf of Marc Hairston [UTD]
14:50-15:00 HAPI Concept: Jon Vandegriff [APL]
15:00-15:30 General discussion

Justification

Accessing CEDAR data can still be a challenge, and this session is designed to improve knowledge of the existing sources, and to seek improvements for the future. This session will also discuss the latest NSF and FAIR data requirements, and how data providers can meet them.

Related to CEDAR Science Thrusts:
Fuse the knowledge base across disciplines in the geosciences
Manage, mine, and manipulate geoscience/geospace data and models
Workshop format
Short Presentations
Keywords
data access, reproducibility, user interfaces
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