2023 Workshop: Accessing CEDAR science databases

Long title
Tutorials and user feedback on some of the major databases of CEDAR science
Conveners
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Evan Thomas
Ivan Galkin
Robin Barnes
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Description

In this session, representatives from some of the larger databases will be presenting brief tutorials on accessing their databases, as long as looking for user feedback. The conveners will cover CEDAR Madrigal, SuperDARN, GIRO, and SuperMAG, and other talks will be encouraged.

Join Zoom Meeting
https://mit.zoom.us/j/94326502624?pwd=cHhwc2ljV00rWm95MXhoRVA2MzBiQT09

Password: 536576.

Agenda

Ivan Galkin	Giro	13:30 - 13:45
Bill Rideout	Madrigal	13:45 - 14:00
Evan Thomas	SuperDARN	14:00 - 14:15
Robin Barnes	SuperMag	14:15 - 14:30
Jack Wang	Community Coordinated Modeling Center	14:30 - 14:45
Yang Pan	Deep Learning Models for Ionospheric Electron Density	

Time Sequence Prediction 14:45 - 15:00

Jon Vandegriff HelioCloud 15:00 - 15:15

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. Also this session will 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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