



# Unidata Program Center Staff at the AMS 2019 Meeting



Members of the Unidata Program Center staff will be attending the 99th annual American Meteorology Society meeting, 6-10 January 2019 at the Phoenix Convention Center in Phoenix, Arizona. Unidata will be in Booth 416 in the exhibit hall; feel free to stop by to talk with us. The booth will feature live, hands-on demonstrations of Unidata software and services, including a look at the current state of the AWIPS, IDV, MetPy, and THREDDS Data Server packages. Come and talk with the developers about what's coming up and what you'd like to see.

## Student Conference

The AMS student conference is intended for junior and senior undergraduates and all graduate students, and will focus on interdisciplinary topics and wide-ranging opportunities in the atmospheric and related sciences. Sessions include invited speakers from the private, academic, and government sectors. A Career Fair and networking evening is scheduled to provide a forum for students to personally interact with professionals who represent potential employers and graduate institutions.

Unidata will be at table C-8 at the Career Fair, which runs from 5:30 - 7:30pm Saturday, January 5 and 6:30 - 8:30pm Sunday, January 6 in Exhibit Hall 5. Program Center staff will be on hand to discuss how Unidata products can help students in their education, forecasting, and research. Come visit us!

## Presentation Schedule

The schedule below lists selected sessions at which Unidata staff will be presenting or attending. See the AMS meeting Conference Program for additional information on the sessions.

Sunday, January 6, 2019

Time	Session	Title	Location	UPC Staff
08:30 - 15:45	Short Course	Diversity, Equity & Inclusion for Geoscientists	North 226C	Josh Young
08:30 - 15:45	Short Course	Python for Synoptic Meteorology Using Metpy	Room 221C	Ryan May, John Leeman

Monday, January 7, 2019

Time	Session	Title	Location	UPC Staff
16:00 - 18:00	Poster #288	Cross-Section Analysis in MetPy	Hall #4	Jon Thielen (2018 Intern) Ryan May, John Leeman
16:00 - 18:00	Poster #289	MetPy 2019: Building a Software Package and Community	Hall #4	John Leeman, Ryan May

Tuesday, January 8, 2019

Time	Session	Title	Location	UPC Staff
08:30 - 08:45	4A.1	Bringing GEMPAK-like Syntax to Python with MetPy's Declarative Plotting Interface	North 129B	Ryan May
10:30 - 10:45	4A.1	A Cloud-Based Science Gateway for Enabling Open and Reproducible Science	North 131C	Mohan Ramamurthy, Julien Chastang
10:30 - 12:00	Session 2	Low-Cost Sensor and Imagers, Evaluation and Calibration, Data Fusion, and Applications	North 129B	Sean Arms (Chair)
10:30 - 12:30	Session 5	Visualization and Data Discovery Using Python	West 211B	Ryan May (Chair)
12:15 - 13:15	Town Hall	EarthCube: A Community-driven Cyberinfrastructure for the Geosciences – A Progress Report	North 131C	Mohan Ramamurthy (Organizer)
13:45 - 14:00	5.2	From GEMPAK to MetPy: An Updated Tool for Teaching Synoptic Meteorology (and Much More)	North 229AB	Ryan May, John Leeman
15:45 - 16:00	6A.4	Unidata AWIPS System Update	North 132ABC	Michael James
16:00 - 18:00	Poster #407	Customizing THREDDS Data Server Web Interfaces to Promote Data Discovery and Accessibility	Hall 4	Sean Arms <i>for</i> Hailey Johnson (2018 Intern)
16:00 - 18:00	Poster #409	NetCDF-CF: Supporting Earth System Science with Data Access, Analysis, and Visualization	Hall 4	Ethan Davis

Wednesday, January 9, 2019

Time	Session	Title	Location	UPC Staff
09:15 - 09:30	7B.4	3D Space Isentropic Analysis in Unidata's IDV	North 132ABC	Yuan Ho
12:15 - 13:15	Town Hall	NOAA Big Data Project Updates	North 222AB	Mohan Ramamurthy (Facilitator)

Thursday, January 10, 2019

Time	Session	Title	Location	UPC Staff
09:15 - 09:30	11A.3	Scaling a JupyterHub for Atmospheric Science Research and Education on the NSF Jetstream Cloud	North 132ABC	Julien Chastang