

# 2010 Unidata NetCDF Workshops for Developers and Data Providers

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Unidata  
October 28, 2010



# Welcome to Boulder!

- Home to Colorado University Boulder Campus.
- Shopping and fine dining along Pearl St. Mall.
- Hiking, biking, and other outdoor activities on bike trail, parks.





# Welcome to the Mesa Lab



- Building designed for I. M. Pei.
- Visitor exhibits and noon tour.
- Home to NCAR high performance computers (for now).
- Visit the Weather Trail out back!



# Workshop Goals

- Help participants understand netCDF, and make decisions about where and how to use it.
- Introduce some tools for using netCDF data without programming, and C/Fortran APIs for writing netCDF programs.
- Provide individual code advice, answer special questions.
- Allow users to connect with developers.



# Basic NetCDF Workshop Schedule

Session	Topic
8:30 - 10:00	Introduction to netCDF, data model(s).
	break
10:15 - noon	NetCDF tools, best practices, conventions.
	lunch
1:00 - 3:00	C/Fortran/Java APIs, remote data access, performance
	break
3:15 - 4:30	Intro to NetCDF-4, HDF5, and use of NetCDF data.
	done!



# On-line Resources

- Wireless networking is available.
- This workshop is on-line at:  
[www.unidata.ucar.edu/software/netcdf/workshops/2010](http://www.unidata.ucar.edu/software/netcdf/workshops/2010)





# Workshop Protocol

- This is an informal workshop.
- Lunch is provided.
- Visitor presentations will be on-line within a week.
- Each participant will introduce themselves, and say a little about what they are using netCDF for.





# NetCDF Team

- NetCDF developers are wearing special name tags – we are here to meet you and answer your questions.



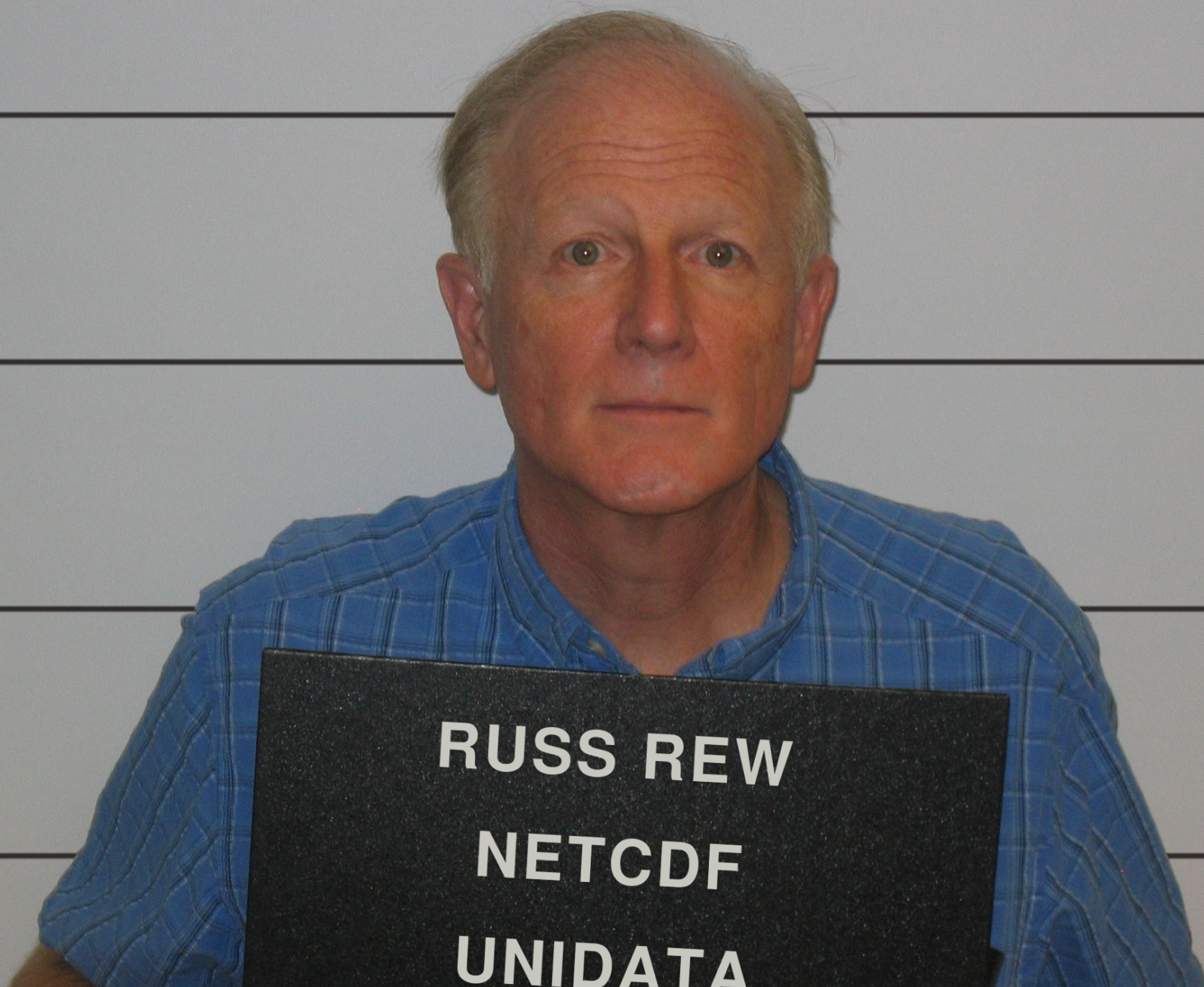


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**NETCDF**

**UNIDATA**



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**DENNIS HEIMBIGNER**

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**UNIDATA**



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**ETHAN DAVIS**  
**NETCDF-JAVA**  
**UNIDATA**



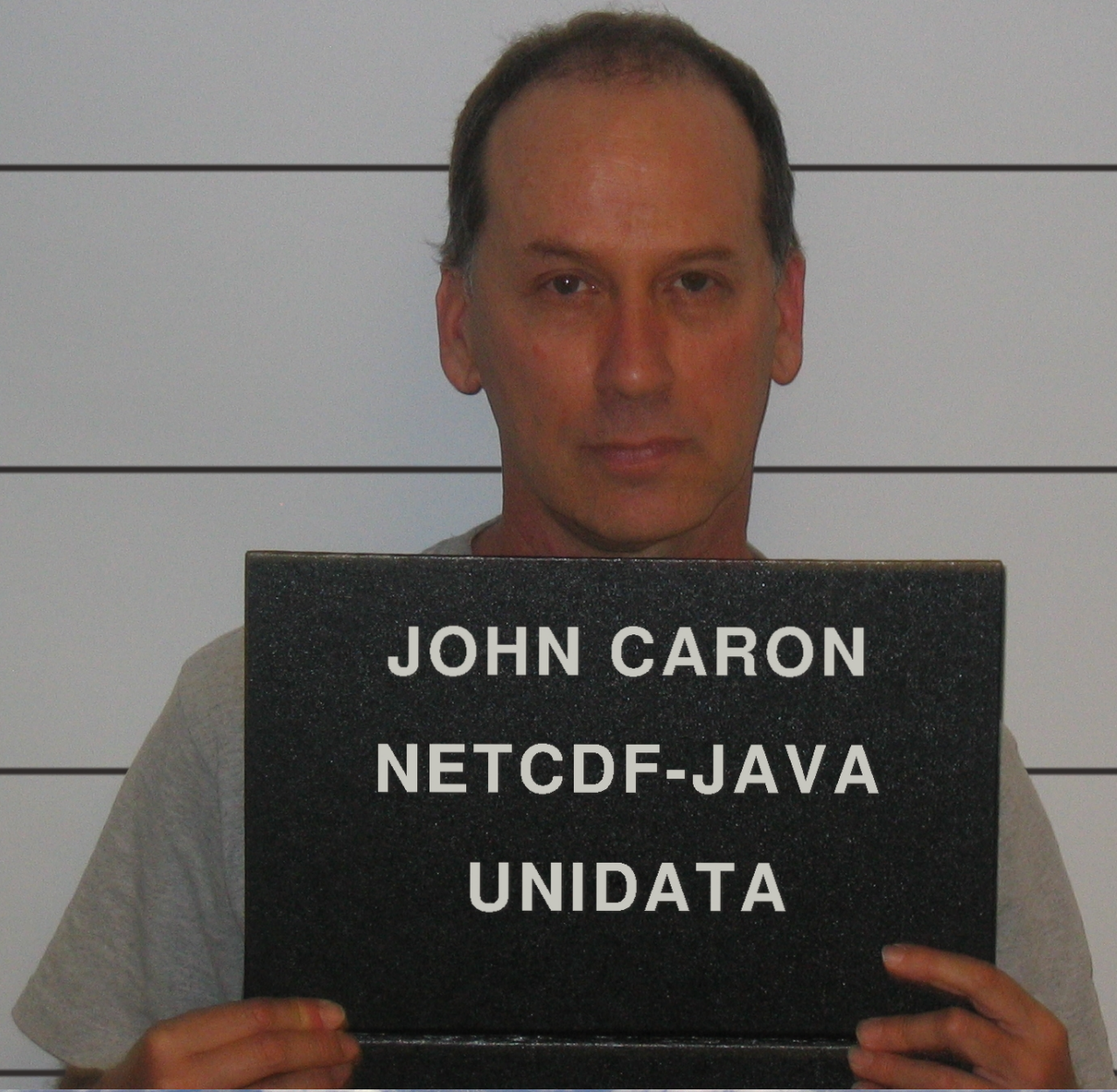
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**JOHN CARON**  
**NETCDF-JAVA**  
**UNIDATA**

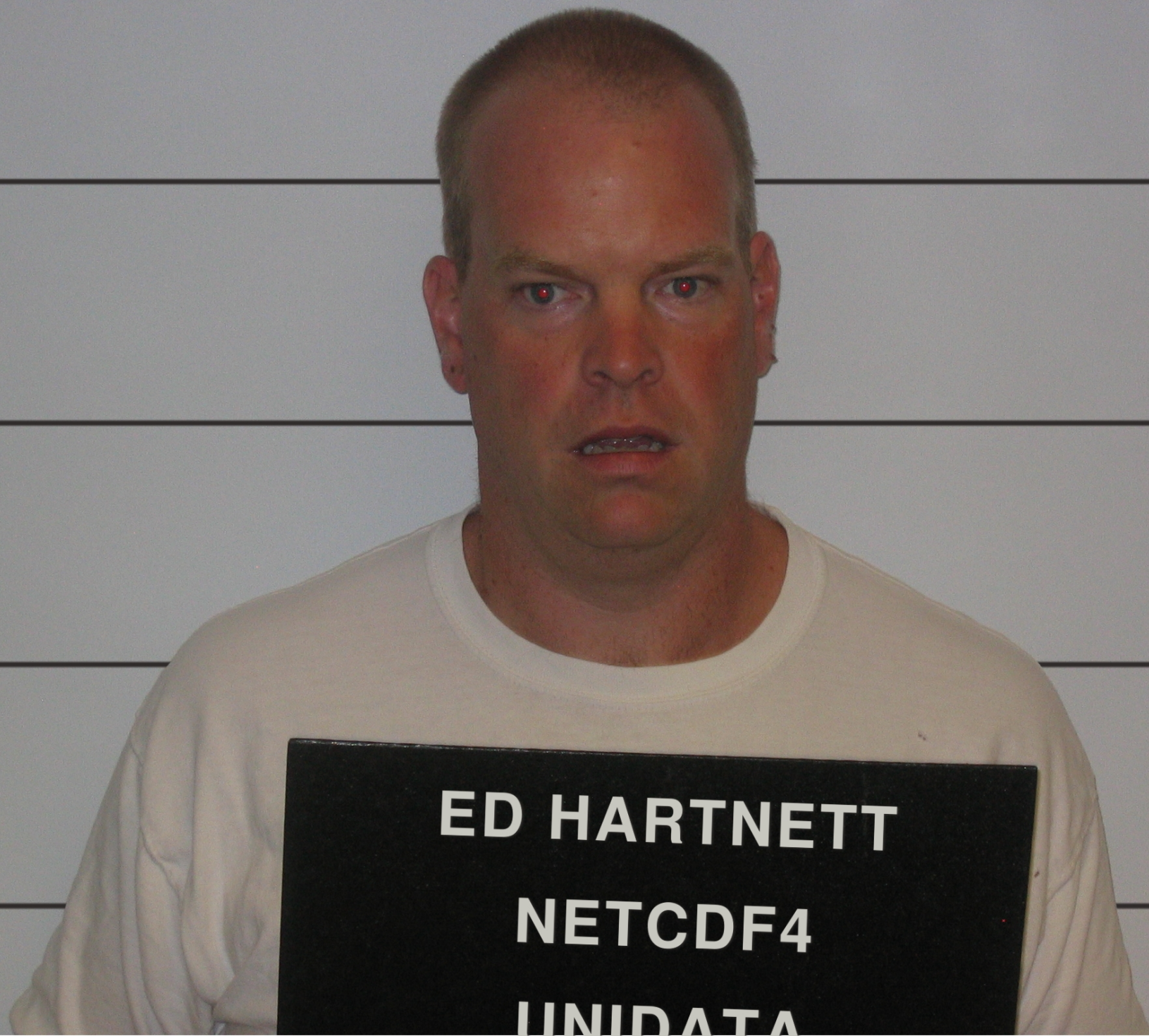


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**ED HARTNETT**

**NETCDF4**

**UNIDATA**



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**STEVE EMMERSON**

**UDUNITS**

**UNIDATA**



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**TINA CAMPBELL**  
**LE GRAND FROMAGE**



# Pre-Assessment

- Please take a moment to fill out the pre-assessment form included in your information folder.
- The information helps ensure we address the needs of workshop participants.