

**AMS SHORT COURSE:
REPRODUCIBLE ATMOSPHERIC SCIENCE WORKFLOWS USING
OPEN SOURCE TOOLS: AN INTRODUCTION TO THE POPPER
EXPERIMENTATION PROTOCOL**

7-11 JANUARY 2018

AUSTIN CONVENTION CENTER

AUSTIN, TX

ORGANIZERS

Carlos Maltzahn, Computer Science Department, UC Santa Cruz
Kevin Tyle, Dept. of Atmospheric & Environmental Sciences, University at Albany

PROGRAM (ROOM I3AB)

SUN 7 JANUARY

- 8:30 A.M. ARRIVAL AND INTRODUCTIONS**
- 8:45 A.M. OVERVIEW OF THE POPPER EXPERIMENTATION PROTOCOL**
- 9:30 A.M. POPPER DEMONSTRATION. WEATHER FORECASTING WORKFLOW**
- 10:00 A.M. COFFEE BREAK**
- 10:30 A.M. HANDS-ON EXERCISE. PARTICIPANTS RE-RUN WRF USING GIT/DOCKER AND
ANALYZE OUTPUT WITH JUPYTER NOTEBOOK**
- 11:30 A.M. RESULTS / DISCUSSION**
- 12:00 P.M. SHORT COURSE ENDS**
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