

SPARC Data Assimilation Working Group Workshop
September 11 – 13, 2019

Laboratory for Atmospheric and Space Physics, Boulder, Colorado, USA

Description: The overarching goal of the Data Assimilation Working Group (DAWG) is to coordinate state-of-the-art data assimilation research to address climate issues on a range of timescales. Based on input from the community at the 2018 General Assembly in Kyoto, we have established three themes to address this goal:

- I. **Chemical data assimilation** (led by Sean Davis)
- II. **Dynamical reanalyses** (led by John McCormack)
- III. **Future limb sounders** (led by Quentin Errera)

Specific objectives of this workshop are to establish a work plan for DAWG for the next three years that will be centered on these themes, and to improve the connection between DAWG and other SPARC activities. Our goal is to promote more collaboration within DAWG and with other activities that will directly result in peer-reviewed papers related to the three themes listed above. **NOTE: This workshop will only address Themes I and II. Theme III will be addressed in subsequent meetings.**

To help meet these objectives, the format of this workshop will differ from previous DAWG meetings. Instead of soliciting contributed presentations, we will be holding a series of plenary sessions along with smaller breakout sessions, with the goal of establishing a work plan for each theme and then identifying specific outcomes from each theme (i.e., “deliverables”) – e.g., newsletter articles, research papers, possible special collection of DAWG-related papers in a journal, etc. Prior to the meeting, theme leaders will contact DAWG members who have expressed interest in a particular theme to solicit input describing their research that will help develop a work plan for each theme and determine how they can contribute.

For information on traveling to Boulder, lodging, and other local information, see the LASP visitor page at: <http://lasp.colorado.edu/home/about/visitor-information/>.

Hotels within 1.5 miles (2.4 km) of LASP accessible from the Boulder Creek path:

- Millenium - 1345 28th St (1.2 miles) - east on Boulder creek path
- Courtyard by Marriott - 4700 Pearl Pkwy (1.2 miles) - south on Foothills path then west on Boulder Creek
- Residence Inn by Marriott - 2550 Canyon Blvd (1.2 miles) - south on 28th street then east on Boulder creek
- Hilton Garden Inn - 2701 Canyon Blvd (1.3 miles) - south on 28th street then east on Boulder creek path
- Boulder Marriott - 2660 Canyon Blvd (1.4 miles) - south on 28th street then east on Boulder creek path
- Embassy Suites by Hilton - 2601 Canyon (1.4 miles) - south on 28th street then east on Boulder creek path

If you have specific questions about travel or the workshop in general, please contact us by email: john.mccormack@nrl.navy.mil, quentin.errera@aeronomie.be.