

DPW-8 & AePW-4

Buffet Working Group

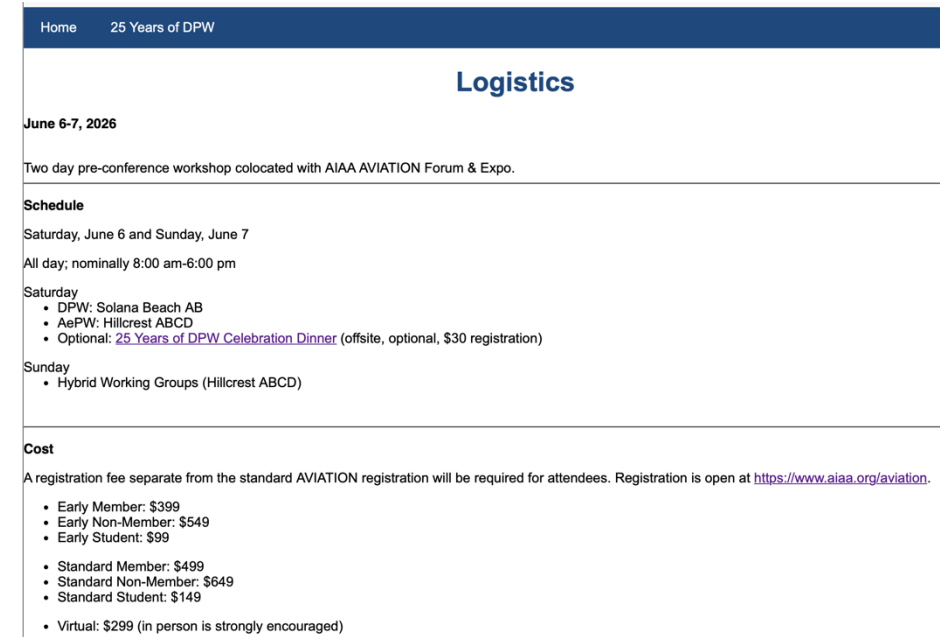


March 17, 2026

aiaabuffet@gmail.com



- Registration is open and handled through www.aiaa.org/aviation
- **Saturday (nominally 8-6)**
 - AePW: Hillcrest ABCD
 - DPW: Solana Beach AB
- **Sunday (nominally 8-6)**
 - Everyone in Hillcrest ABCD
- **Closer to the date, AIAA will contact you to sign up for a room for Saturday**
- **25 Years of DPW dinner celebration dinner on Saturday evening; separate cost (\$30)**
- **Bug in the system**
 - Virtual is being added to the registration options
 - Should be available this week



Home 25 Years of DPW

Logistics

June 6-7, 2026

Two day pre-conference workshop colocated with AIAA AVIATION Forum & Expo.

Schedule

Saturday, June 6 and Sunday, June 7

All day; nominally 8:00 am-6:00 pm

Saturday

- DPW: Solana Beach AB
- AePW: Hillcrest ABCD
- Optional: [25 Years of DPW Celebration Dinner](#) (offsite, optional, \$30 registration)

Sunday

- Hybrid Working Groups (Hillcrest ABCD)

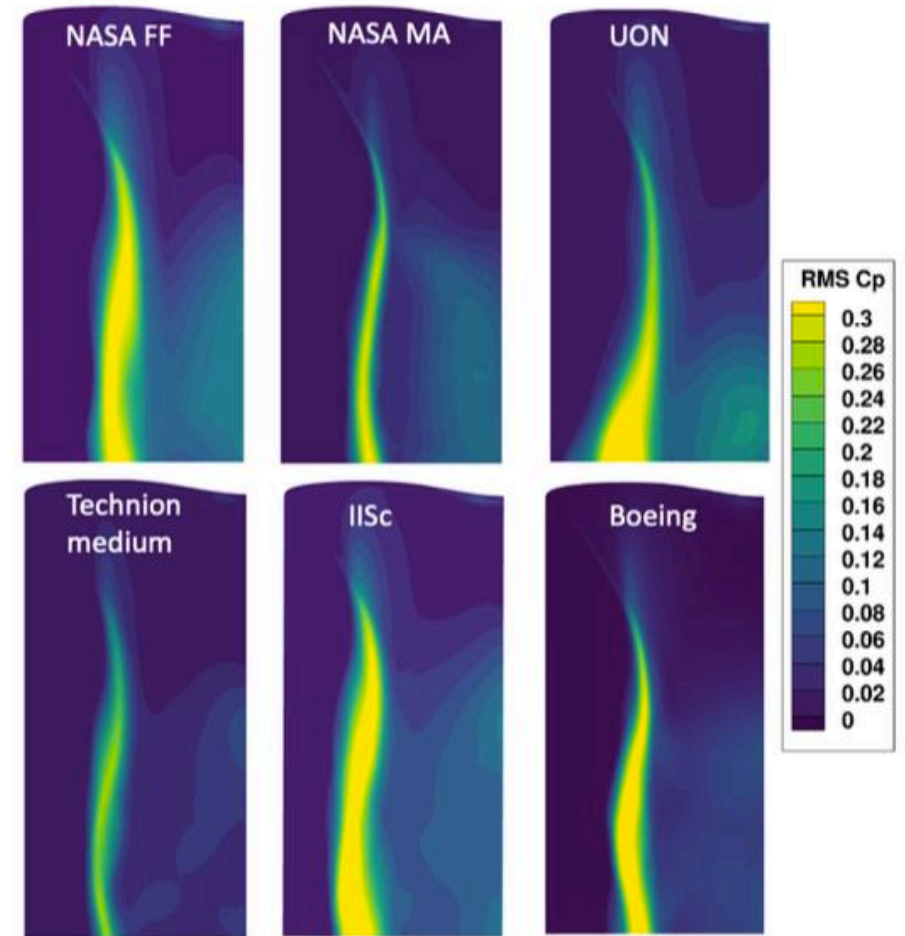
Cost

A registration fee separate from the standard AVIATION registration will be required for attendees. Registration is open at <https://www.aiaa.org/aviation>.

- Early Member: \$399
- Early Non-Member: \$549
- Early Student: \$99
- Standard Member: \$499
- Standard Non-Member: \$649
- Standard Student: \$149
- Virtual: \$299 (in person is strongly encouraged)

- **Mass units are in ton (1 ton = 1000 kg)**
- **Deformation Data Status:**
 - Official deformation measurements for this campaign are still pending release
 - Preliminary data point: the wing tip exhibits a vertical deflection of approximately 10 mm at an Angle of Attack (AoA) of 4.7 deg
- **Note that multiple wings were tested (different instrumentation); the FEM applies to the wing for the to-be-released data set**
- **Previously provided deformation data (Slide 7 in the problem statement PowerPoint) may be retracted**

- Retain surface CP and CPrms for cases you will submit to the workshop
- Not needed for all intermediate runs; just for final to-be-submitted data
- **Surface data are desired**
 - We seek to make a plot like this one from AePW-III
 - Data will be submitted via our Box account or other transfer methods
 - Provide in a Tecplot-readable format



AePW-III data

Call for Presentations

- **March 16 email sent out**
- **Indicate interest**
 - Fill out the form
 - Email us back if your enterprise firewall blocks the form
 - Sign up for as many of the seven working groups as desired
- **Presentation logistics**
 - Still being finalized
 - Will likely be broken up by working group
 - Presenters may be in front of the room multiple times during the workshop

DPW-8/AePW-4 Presentation Interest

We will have participant presentations at DPW-8/AePW-4. Please let us know to which of the efforts you have contributed and are interested in presenting information at the workshop. The organizing committee will be in touch with you regarding scheduling as we get closer to the workshop.

Name *
Short answer text

Email Address *
Short answer text

In-Person or Virtual? *

In Person

Virtual

- **Reminder: handled outside of the AIAA conference abstract process**
- **Presentation-only**
 - Will be posted on the websites during the workshop
 - Ensure export compliance before presenting
 - Everything will be run from a central computer (no participant computers)
- **Virtual presentations**
 - Pre-recorded video will be played at the workshop
 - Live Q&A after the presentation
- **SciTech '27**
 - Invited session, so it can be either presentation only or paper/presentation
 - Presenters must have participated in the workshop to be part of the special sessions
- **A virtual collection in a journal (e.g., Journal of Aircraft) is also planned**

25 Years of DPW Celebration

- Saturday evening
- Will include a few retrospective presentations
- Light-hearted reflection upon the last two and a half decades
- **Registration**
 - Tacos and drinks covered for \$30
 - <https://www.aiaa-dpw.org/twentyfive.html>
- **Looking for one more sponsor!**

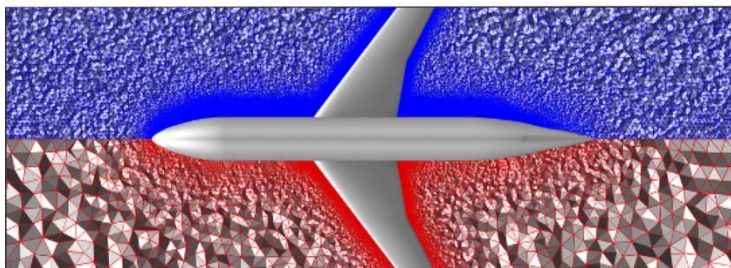
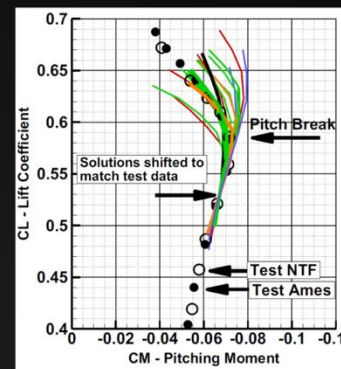
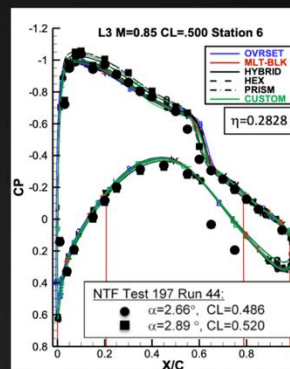
25 Years of DPW Dinner



DRAG PREDICTION WORKSHOP SERIES

25 YEARS OF DPW CELEBRATION DINNER

- DPW-1 (2001): Laying the Foundation
- DPW-2 (2003): Full Configuration Drag
- DPW-3 (2006): Wing-Body Junction Interactions
- DPW-4 (2009): Entrance of the Common Research Model
- DPW-5 (2012): Common Grids and Separation Onset
- DPW-6 (2016): Aeroelastics and Nacelle-Pylon Interactions
- DPW-7 (2022): Expanding the Envelope
- DPW-8 (2026): Collaborative Drag and Aeroelasticity



JUNE 6, 2026
 SAN DIEGO, CA
 HELD IN CONJUNCTION WITH DPW-8

DINNER RSVP IS SEPARATE FROM WORKSHOP REGISTRATION
 (DPW-8 WORKSHOP REGISTRATION NOT REQUIRED FOR DINNER)

Diamond Sponsors



Silver Sponsors



- Data due NLT May 1
- Earlier is better so we can ensure data integrity

Open Discussion



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