

DPW-8 & AePW-4

Buffet Working Group

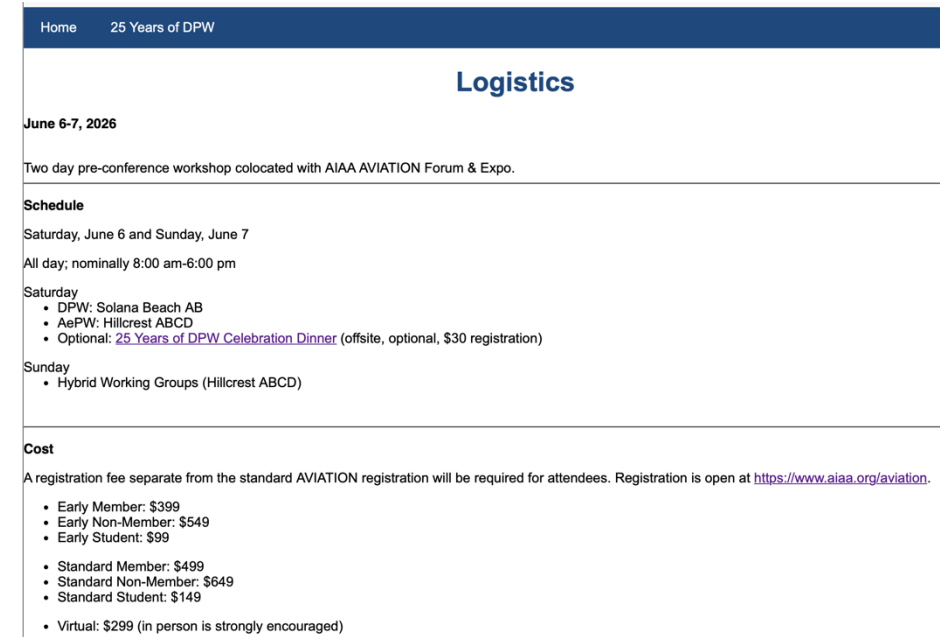


April 21, 2026

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- 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)**
- <https://www.aiaa-dpw.org/logistics.html>



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>.

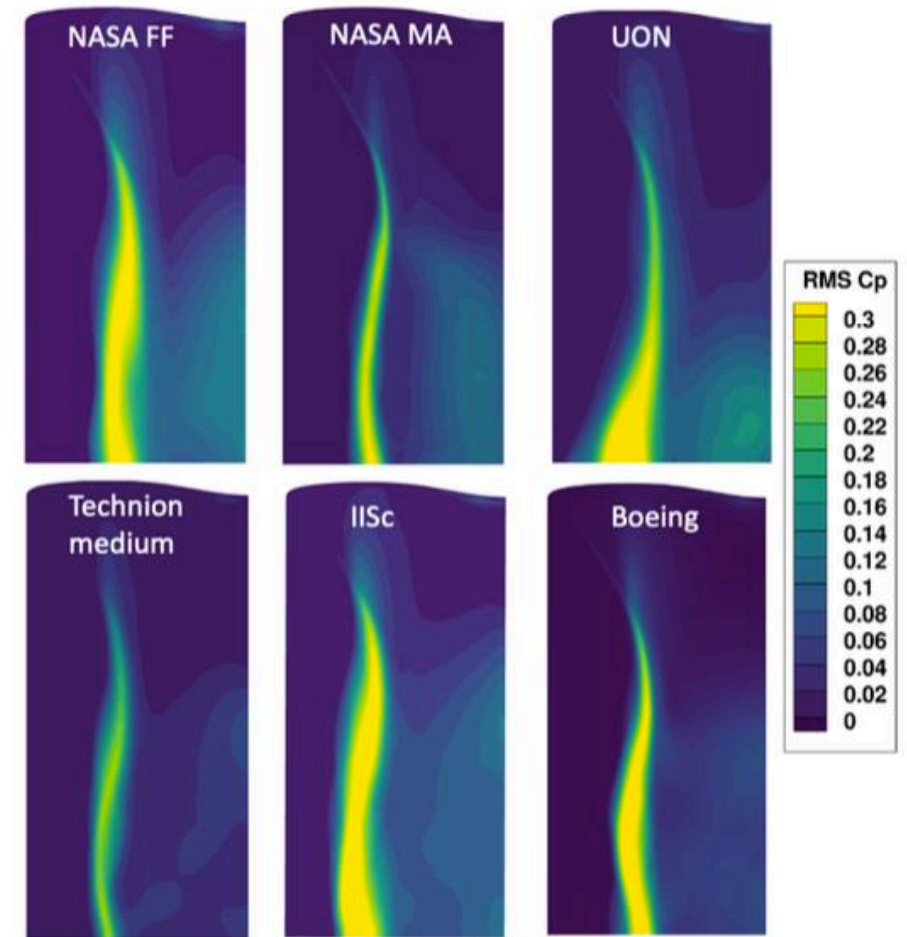
- Early Member: \$399
- Early Non-Member: \$549
- Early Student: \$99
- Standard Member: \$499
- Standard Non-Member: \$649
- Standard Student: \$149
- Virtual: \$299 (in person is strongly encouraged)

JAXA FEM Update/Correction

- Any questions?

Data Note (Repeated from Last Month)

- 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**
- **Limited responses so far**
- **Please fill out the form or email us**
- **Presentation logistics**
 - Will be broken up by working group
 - Presenters may be in front of the room multiple times during the workshop
- **Saturday break times will be aligned between DPW and AePW for cross-pollination**
- <https://forms.gle/NhWnNCfqNgzCYiCKA>

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**
- **More details in March slide deck**
- **Presentation-only, no peer review required**
 - Will be posted on the websites during the workshop
 - Slides will be accessed from the website → videos are fine
 - Ensure export compliance before presenting
 - Everything will be run from a central computer (no participant computers)
- **Virtual presentations (plan is confirmed)**
 - Pre-recorded video will be played at the workshop
 - Live Q&A after the presentation
- **Metrics as of April 21**
 - $\frac{3}{4}$ in person, $\frac{1}{4}$ virtual
 - Buffet has six interested presenters

- **We will host multiple special sessions**
 - Presenting at the workshop is a requirement to present at the conference
 - Content can be enhanced and changed post workshop (encouraged)
- **Abstract is not required now**
 - These will be processed after the workshop
 - Conference organizers are aware that our abstracts will come in after the deadline
- **Presentation only is permissible**
- **January 11-15**
- **Orlando, FL**

25 Years of DPW Celebration

- **Saturday evening**
- **Will include a few retrospective presentations**
- **Registration**
 - We encourage you to sign up during the conference registration; this will help us plan how much food to purchase
 - Taco buffet and drinks covered for \$30 including tax and tip → cheaper than anything you can find in the hotel or the area
 - <https://www.aiaa-dpw.org/twentyfive.html>
- **AePW participants are welcome to attend!**
- **Registration later or cash at the door are accepted, though less preferable**
- **Scholarships are available for students if necessary**
- **Looking for one more sponsor!**

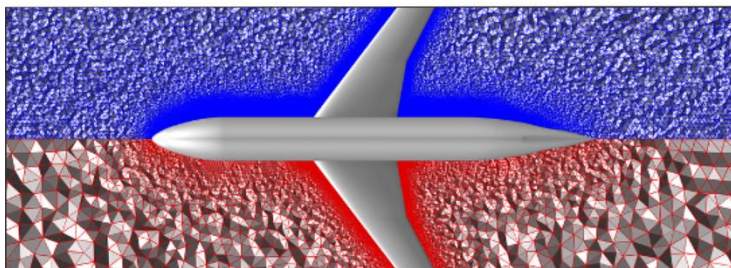
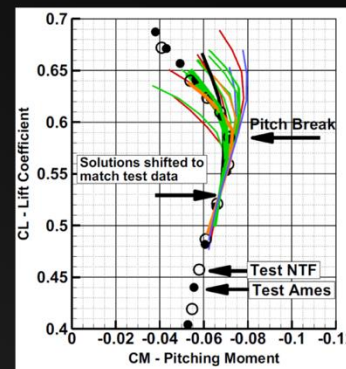
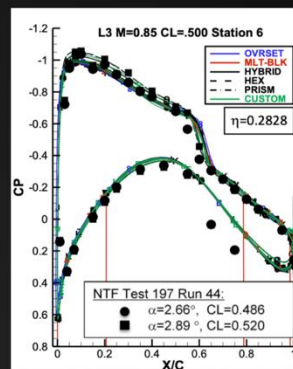
25 Years of DPW Dinner



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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- **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**

- **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**