



2014 DDA Meeting - Philadelphia, Pennsylvania

The 2014 Meeting of the Division on Dynamical Astronomy will be held from 28 April to 1 May 2014 at the [The College of Physicians, Philadelphia, Pennsylvania](#) [1]

The annual DDA Meeting brings together top researchers in astronomy, astrophysics, planetary science, and astrodynamics for in-depth and stimulating discussions and talks on all aspects of dynamics in the space sciences. The DDA meeting features invited talks on a range of topics, contributed talks (with no parallel sessions), and posters that can be displayed throughout the entire meeting.

Sponsors:

[Southwest Research Institute, Boulder, CO](#) [2]

Press Contact: [Rick Fienberg](#) [3]

[Transportation](#)

[4]

Deadlines

[Ray Duncombe Prize](#) [5] 2014 Winners:

Nicholas Attree (Queen Mary, University of London)

Melissa Dykhuis (University of Arizona)

Natalia Storch (Cornell University)

Abstracts (CLOSED): 11:59 PM EDT, Wednesday, March 26, 2014 (UT-4:00)

To give a presentation at the Philadelphia meeting, you must submit an abstract (2250 character limit) through the AAS Scholar One abstract form. You may present two papers as long as one is oral and the other is a poster.

[Click here to see submitted abstracts](#) [6]

Posters should be less than 48 inches x 32 inches

[Late Online Registration](#) [7]: **11:59 PM EDT, Sunday, April 20, 2014 (UT-4:00)**

Press Registration: [Email Tracy Beale](#) [8]

There will be no banquet, other activities are planned.

[Click here to register](#)

[7] [See who else has registered](#) [9]

Registration Rates		
Member Type	Early	Late / On-site
DDA Members	\$400	\$435
Students and Emeritus [10] members	\$300	\$325
Non-Members:	\$460	\$460

UPDATE (03/11): Area hotels are all very expensive during the DDA meeting. We

recommend the attendees to stay at the hotels near Philadelphia airport, which are reasonably priced and a short subway ride from the venue. These include (quotes are averages for 04/27-05/01, obtained from Hotels.com on 03/11)

- [Hampton Inn Philadelphia International Airport](#) [11] (\$152)
- [Fairfield Inn Philadelphia Airport](#) [12] (\$189)
- [Embassy Suites Philadelphia-Airport](#) [13] (\$173)
- [Courtyard Philadelphia Airport](#) [14] (\$179)
- [Extended Stay America Philadelphia-Airport-Bartram Ave](#) [15] (\$154, iffy reviews)
- [Microtel Inn and Suites Philadelphia Airport](#) [16] (\$80, bad reviews!)

People looking for roommates should email Matija, [mcuk\[at\]seti.org](mailto:mcuk[at]seti.org).

Meeting Schedule

[Meeting Schedule](#) [17]

[PDF Program with Abstracts](#) [18]

[Online Program with Abstracts](#) [6]

No events on Sunday April 27

Monday, April 28:

- 9:10-10:30 Evolved Planetary Systems (Chair: Levison)
- 11:00-12:40 Planet Formation and Structure (Levison)
- 14:00-16:40 The Solar System [incl. Brouwer lecture] (Cuk)
- 16:40-18:30 Reception
- 18:00-20:00 Committee Meeting

Tuesday, April 29:

- 9:00-12:40 Exoplanets (break 10:40-11:00; Adams)
- 14:00-15:40 Galaxies and Galactic Structure (Kratte)
- 16:00-17:00 Other Dynamical Topics (Valluri)

Wednesday, April 30:

- 9:00-9:40 Classical Topics (Nicholson)
- 9:40-11:00 Solar System: Titan (Nicholson)
- 11:20-12:40 Star Clusters (Nicholson)
- 14:00-16:00 Solar System: Moons (Holley-Bockelmann)
- 16:00-17:00 Business Meeting (Cuk)
- 17:00-19:00 Poster Session

Thursday, May 1:

- 9:00-10:00 Solar System: Early Evolution (Walsh)
- 10:00-10:40 Solar System: Debris (Walsh)
- 11:00-13:00 Solar System: Rings (Dones)

Invited Speakers

[Joseph A. Burns](#) [19] (Cornell University)

My chaotic trajectory: A brief (personalized) history of solar-system dynamics. ([Brouwer Award](#)) [20]

[Sourav Chatterjee](#) [21](University of Florida)
Globular Clusters, the Dynamics Factories of the Milky Way

[Kaitlin Kratter](#) [22] (University of Arizona)
Dynamics of Pluto's moons and circumbinary planets

[Stephen McMillan](#) [23] (Drexel University)
Modeling the Formation and Evolution of Dense Stellar Systems

[Monica Valluri](#) [24] (University of Michigan)
Dynamical processes in barred galaxies with supermassive black holes

[Dimitri Veras](#) [25] (Warwick University)
The rich dynamics of planets in post-main-sequence systems

Local Organizing Committee

[Hal Levison](#) [26] (SwRI)(chair)

[Eugene Fahnestock](#) [27] (JPL)

Diane Miller (SwRI)

[William Newman](#) [28] (UCLA)

Program Committee

[Fred Adams](#) [29] (U. Michigan) (chair)

[Alice Monet](#) [30] (USNO, retired)

[Hal Levison](#) [26] (SwRI)

Source URL: <https://dda.aas.org/meetings/2014>

Links

[1] <http://www.collegeofphysicians.org>

[2] <http://www.boulder.swri.edu>

[3] <mailto:rick.fienberg@aas.org>

[4] <https://dda.aas.org/meetings/2014/travel>

[5] <https://dda.aas.org/awards/duncombe>

[6] <http://dda45.abstractcentral.com/planner.jsp>

[7] https://members.aas.org/services/aas_member/Core/Events/eventdetails.aspx?iKey=DDA_14R

[8] <mailto:tracy.beale@aas.org>

[9] <https://dda.aas.org/meetings/2014/registrants>

[10] https://dda.aas.org/dda_membership#emeritus

[11] <http://hamptoninn3.hilton.com/en/hotels/pennsylvania/hampton-inn-philadelphia-international-airport-PHLATHX/index.html>

[12] <http://www.marriott.com/hotels/travel/phlfa-fairfield-inn-philadelphia-airport/>

[13] <http://embassysuites3.hilton.com/en/hotels/pennsylvania/embassy-suites-philadelphia-airport-PHLAPES/index.html>

[14] <http://www.marriott.com/hotels/travel/phlat-courtyard-philadelphia-airport/>

[15] <http://www.extendedstayamerica.com/hotels/pa/philadelphia/airport-bartram-ave>

[16] http://www.philadelphiaairport-hotel.com/?utm_source=google&utm_medium=places&utm_campaign=google_places_ms

[17] https://dda.aas.org/sites/dda.aas.org/files/2014meeting/DDA_45_Meeting_Program_Final.pdf

[18] https://dda.aas.org/sites/dda.aas.org/files/2014meeting/DDA_45_Meeting_Program_With_Abstracts.pdf

[19] <http://astro.cornell.edu/members/joseph-burns.html>



- [20] <https://dda.aas.org/awards/brouwer/2013>
- [21] <http://www.astro.ufl.edu/people/profiles/s.chatterjee.html>
- [22] <https://www.as.arizona.edu/people/faculty/kaitlin-kratter>
- [23] <http://www.drexel.edu/physics/contact/facultyDirectory/McMillan%20Steve/>
- [24] <http://dept.astro.lsa.umich.edu/~mvalluri/>
- [25] <http://www2.warwick.ac.uk/fac/sci/physics/research/astro/people/veras>
- [26] <http://www.boulder.swri.edu/~hal>
- [27] http://scienceandtechnology.jpl.nasa.gov/people/e_fahnestock/
- [28] <http://www.astro.ucla.edu/faculty/newman.htm>
- [29] https://www.lsa.umich.edu/physics/directory/faculty/ci.adamsfred_ci.detail
- [30] <mailto:dda.secretary@gmail.com>