



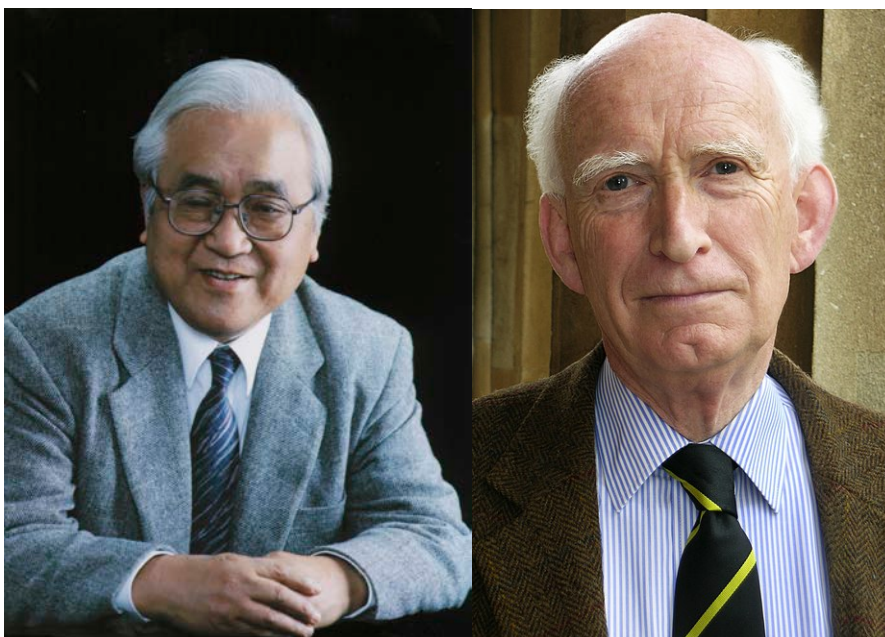
## DDA Annual Report - 2018

Seth Jacobson, Chair; Sethanne Howard, Secretary

### I. Membership

The membership of the DDA, as of April 2, 2018, is 336, of whom 179 are full members, 19 are affiliate members, 63 emeritus, 39 junior, 6 international affiliates, and 27 associate members. Division membership in 2017 stood at 334.

We lost two much appreciated and valued Brouwer awardees this year: Yoshihide Kozai (1928-2018) and Donald Lynden-Bell (1935-2018). See [https://en.wikipedia.org/wiki/Yoshihide\\_Kozai](https://en.wikipedia.org/wiki/Yoshihide_Kozai) and [https://en.wikipedia.org/wiki/Donald\\_Lynden-Bell](https://en.wikipedia.org/wiki/Donald_Lynden-Bell).



### II. Quarterly Committee meetings

The DDA Committee continued to meet on a quarterly basis this year, using Skype for all meetings except the one held in conjunction with the annual meeting.

### III. Elections

The 2018 DDA Election was held entirely online through the AAS.

**Continuing Officers (with all new terms beginning July 1<sup>st</sup>, 2018):**

CHAIR (2018-2019):

Seth Jacobson (Northwestern) [sethjacobson@earth.northwestern.edu](mailto:sethjacobson@earth.northwestern.edu)

PAST CHAIR: (2018-2019)

Luke Dones (Southwest Research Institute) [luke@boulder.swri.edu](mailto:luke@boulder.swri.edu)

SECRETARY (2017-2020)

Sethanne Howard (USNO, retired) [dda.secretary@aaas.org](mailto:dda.secretary@aaas.org)

COMMITTEE (2017-2019)

Kat Volk (University of Arizona) [kat.volk@gmail.com](mailto:kat.volk@gmail.com)

Sarah Loebman (University of Michigan) [sloebman@yahoo.com](mailto:sloebman@yahoo.com)

Ann-Marie Madigan (Univ. of Colorado, Boulder)

[annmarie.madigan@colorado.edu](mailto:annmarie.madigan@colorado.edu)

**New Officers:**

VICE CHAIR (2018-2019)

Carl Murray (Queen Mary College, London) [c.d.murray@qmul.ac.uk](mailto:c.d.murray@qmul.ac.uk)

TREASURER (2018-2021)

Joseph Spitale (Lunar and Planetary Lab) [spitale@lpl.arizona.edu](mailto:spitale@lpl.arizona.edu)

**New Committee Members: (2018-2020)**

Smadar Naoz (U. California, Los Angeles) [snaoz@astro.ucla.edu](mailto:snaoz@astro.ucla.edu)

Sarah Morrison (Penn State) [smorrison@psu.edu](mailto:smorrison@psu.edu)

Kathryne Daniel (Bryn Mawr) [kjdaniel@brynmawr.edu](mailto:kjdaniel@brynmawr.edu)

**Retiring Officers:**

PAST CHAIR (2017-2018)

Monica Valluri (U. Michigan) [mvalluri@umich.edu](mailto:mvalluri@umich.edu)

COMMITTEE (2016-2018)

Daniel Tamayo (Univ. of Toronto) [d.tamayo@utoronto.ca](mailto:d.tamayo@utoronto.ca)

Konstantin Batygin (Caltech) [kbatygin@gps.caltech.edu](mailto:kbatygin@gps.caltech.edu)

Maryame El Moutamid (Cornell Univ.) [maryame@astro.cornell.edu](mailto:maryame@astro.cornell.edu)

TREASURER (2015-2018)

Alice Monet (USNO, retired) [alicemonet@gmail.com](mailto:alicemonet@gmail.com)

## IV. Meetings

The 2018 DDA meeting was held from April 15 – 19, 2018 in San José, California. The Local Organizing Committee was chaired by M. Čuk (SETI Institute) and M. Tiscareno (SETI), and S. Jacobson (Northwestern University) chaired the Scientific Organizing Committee.

The program for the San José meeting included three special sessions:

*The Good, the Bad, & the Ugly: How Do Simulators Compare Their Data to Observations and How Can They Do It Better?* (Convened by Sarah Loebman);  
*Pebble in the Sky: Meteoroids and Their Orbits* (Convened by Matija Čuk); and  
*'Oumuamua, the First Interstellar Asteroid* (Convened by Luke Dones).

82 abstracts were received. These included ten invited talks in addition to the Brouwer Award Lecture, which was given by Ortwin Gerhard (Max Planck Institute for Extraterrestrial Physics) and the Rubin Prize Lecture, which was given by Dan Fabrycky (University of Chicago). The Local Organizing Committee organized a public lecture on Monday, April 16 by Cristobal Petrovich (Canadian Institute for Theoretical Astrophysics). There were 92 registrations.

**Future Meetings:** The 2019 meeting will be held in Boulder, Colorado, hosted by the University of Colorado. The meeting is scheduled to be held June 4-7, 2019. <https://dda.aas.org/meetings/2019>

## V. DDA Prizes

### 2018 Brouwer Award

James Stone (Princeton) received the 2018 Brouwer Award and is invited to present a lecture at the 2019 DDA meeting.

### 2019 Vera Rubin Prize

Gurtina Besla (University of Arizona) received the 2018 Rubin Prize and is invited to present a lecture at the 2019 DDA meeting.

## VI. Duncombe Prize:

The Raynor Duncombe Prize is a travel stipend awarded each year to up to four graduate students to enable them to attend the DDA meeting and give a talk. The following students were selected:

Kassandra Anderson (Cornell)  
Elizabeth Bailey (Caltech)  
Tali Khain (U. Michigan)  
Sarah Millholland (Yale)

These four students were honored at the DDA Meeting in San José, where they gave talks on their research and received travel support to attend the meeting.

## **VII. Committee Appointments:**

Below we list the members of various committees for 2018-2019. Members of the committees for 2018-19 were determined by the Chair and Vice Chair by the time of San José DDA meeting in April.

### **Brouwer Award Selection Committee:**

Juntai Shen (Shanghai Astronomical Observatory) *Chair*  
Laura Watkins (Space Telescope Science Institute)  
Elisa Quintana (NASA Goddard)  
Ortwin Gerhard (Max Planck Institute for Extraterrestrial Physics)  
Seth Jacobson (Northwestern University) (*ex officio*)

### **Rubin Prize Selection Committee:**

Matthew Hedman (University of Idaho) *Chair*  
Susan G. Stewart (US Naval Observatory, Vanderbilt University)  
Oleg Gnedin (University of Michigan)  
New member TBD  
Carl Murray (Queen Mary College, London) [c.d.murray@qmul.ac.uk](mailto:c.d.murray@qmul.ac.uk)  
(*ex officio*)

### **Duncombe Prize Selection Committee:**

Matthew Walker (Carnegie Mellon University) *Chair*  
Gongjie Li (Georgia Tech)  
Katherine Kretke (Southwest Research Institute)  
Dan Tamayo (University of Toronto)

### **Nominating Committee:**

Alice Quillen (University of Rochester) *Chair*  
Eric Ford (Pennsylvania State University)  
Rebecca Harbison (University of Nebraska)

### **Archives Committee:**

James Hilton (US Naval Observatory) *Chair*