

Citizen Science in the Era of Big Data

Splinter Session at DPS 2024

We can't wait to see you at DPS 2024, **Thursday October 10, from 9 to 1:30pm in Boise Center 410C!** Here's your guide to this HYBRID session and other Citizen Science activities at the conference. For more info during the conference, contact Marc.Kuchner@NASA.gov

Schedule of our Splinter Session

9:00 am - 9:26 am **Program Overview Talks (10 min each + 2 min for questions):**

Nick Lang (NASA) Citizen Science in NASA's Planetary Science Division

John Keller (CU Boulder) SciAct / Science through the Shadows, RECON

Marc Kuchner (NASA): NASA Citizen Science Overview and Opportunities

9:26 am - 9:32 am **Contributed Talk (5 min + 1 min for questions):**

Aaron Meisner (NOIRLab) The [Exoasteroids](#) Citizen Science Project

9:32 am - 9:50 am **Invited Talks: Success Stories (7 min each + 2 min for questions):**

Rachel Huchmala (Boise State): The SUPERPIG Project.

Ramanakuman Sankar (University of Minnesota): The [Jovian Vortex Hunter](#) Citizen Science Project/ [Zooniverse Project Builder](#) Demo

Coffee Break

10:20 am - 10:56 am **Invited Talks: Small Bodies (7 min + 2 min for questions):**

Carson Fuls: [The Daily Minor Planet](#) User Engagement and Response Analysis

Colin Chandler (UW) : The [Active Asteroids](#) Citizen Science Project

Chad Trujillo: Searching for Active Asteroids with Archival Subaru Hyper-SuprimeCam Data

Casey Lisse (APL): The SPHEREX Mission

10:56 am - 11:14 am **Contributed Talks: Small Bodies (5 min + 1 min for questions):**

John Keller (U. Colorado) : Science Through Shadows and RECON

Ariel Graykowski: Solar system studies with the [Unistellar](#) Network

Josef Hanuš (Charles University): Using the [Unistellar](#) network for stellar occultations by asteroids and the photometry of asteroids.

11:14 am - 11:34 pm **Panel: The future of small body citizen science.** Carson, Colin, Chad, John and Casey. Chair: Ariel Graykowski

11:34 am - 11:40 am **Contributed Talks (5 min + 1 min for questions):**
Ulyana Dyudina (U. LaVerne): Linear Polarization of Solar Corona during the 2024 Eclipse

11:40 am - 11:52 am **Program Overview Talk (10 min + 2 min for questions):**
Christine Shupla (LPI): Citizen Science in NASA's Science Activation Program

Lunch: Stick around! Details TBD

11:52 - 1:30 Brainstorming Session. Sandwiches in hand
Topics: Finding Funding, Lunar Cit Sci in the era of eClips and Artemis, Broadening Participation, AI/ML, SPHEREX and NEO Surveyor

SPEAKERS: Please edit your talk title above and upload your slides to Google Drive [here](#).

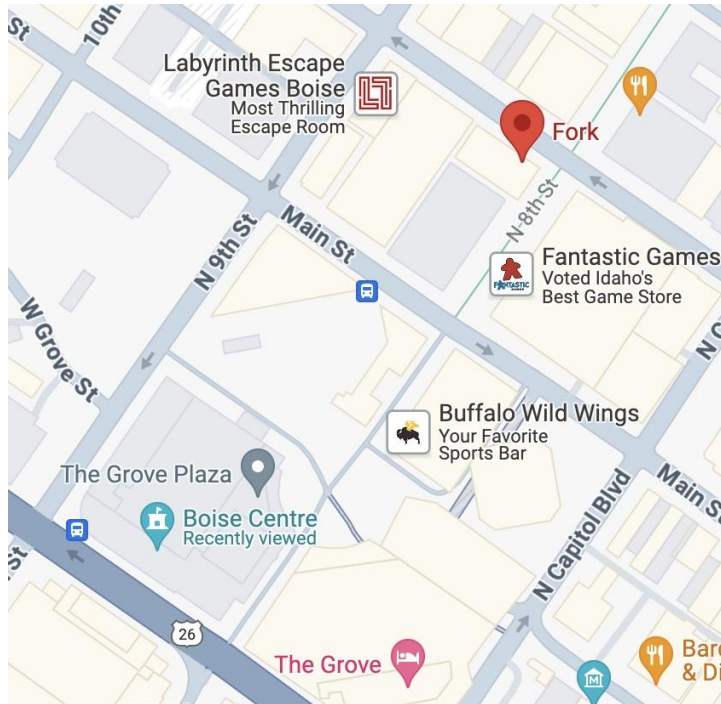
Wednesday Dinner

Wednesday October 9, starting at 5:30 pm. Come whenever you can join us!

Citizen Science Dinner at [Fork](#)

199 N. 8th Street, Downtown Boise

(208) 287-1700



JOINING THE DINNER? Please add your name and contact info here:

Carson Fuls: fulsdavid@arizona.edu (936) 615-5776
Marc Kuchner Marc.Kuchner@NASA.gov (609)647-6000
Colin Chandler coc123@uw.edu
Rachel Huchmala rachelhuchmala@boisestate.edu
Ramanakumar Sankar ramanakumar.sankar@berkeley.edu
Christine Shupla shupla@lpi.usra.edu
Ananyo Bhattacharya ananyo@umich.edu
Denise Stephens denise_stephens@byu.edu
Chad Trujillo chad.trujillo@nau.edu
Ariel Graykowski agraykowski@seti.org
Brian Jackson bjackson@boisestate.edu
Petr Pokorny pokorny@cua.edu
Josef Hanus hanus.home@gmail.com

Fork can accommodate up to 14 people.

Information about NASA Citizen Science

Check out [NASA's active citizen science projects](#), or enjoy our [talk series and office hours](#) for citizen science practitioners. Get funding for your project from the [Citizen Science Seed Funding Program \(CSSFP\)](#). Six-page proposals are due November 19, 2024! Stay in touch and learn about more opportunities by [joining the NASA Citizen Science Google Group](#). Questions? [Contact Nick Lang](#), citizen science lead for the Planetary Science division.

Are you giving a talk or poster about Citizen Science or other relevant topic? **Please list it here!**

Monday, October 7, 2024 | 3:30 PM MT - 5:30 PM MT

Session ID 102
Session Title Citizen Science and Open Science
Session Type Poster
Room 100 AB

Presentations

Program Number: 102.01
Asteroid Characterization via Citizen Science: Insights into...
Josef Hanuš, Institute of Astronomy, Charles University; F. Marchis, SETI Institute & Unistellar; R. Lambert, SETI Institut...

Program Number: 102.02
A Weight Scheme to Optimize Citizen Science Results from the...
W. Burris, Northern Arizona University; C. Chandler, University of Washington; C. Trujillo, Northern Arizona University;...

Program Number: 102.03
Availability of an imaging database obtained by MAVEN's Imag...
G. Lopez, Laboratory for Atmospheric and Space Physics U. Colorado Boulder; N. Schneider, Laboratory for Atmospheric and...

Program Number: 102.04
Linear Polarization of Solar Corona during the 2024 Eclip...
U. Dyudina, University of La Verne; D. Leon, University of La Verne; C. Atalor, University of La Verne; S. Sondh, Univer...

Program Number: 102.05
Hunting For Exoplanets - Identifying Possible Transiting Exo...

D. Stephens, Brigham Young University; Z. Dickson, Lone Peak High School.

Program Number: 102.06

Advancing Planetary Science Research Discoverability Through...

S. Jarmak, Harvard & Smithsonian | Center for Astrophysics; NASA Science Explorer,

Harvard & Smithsonian | Center for A...

Tuesday, October 7, 2024 | 3:30 PM MT - 5:30 PM MT

Poster - Rachel Huchmala - Telescopes for Teachers, a new program within the Central Idaho Dark Sky Reserve STEM Network. Session 201: DEIA and Community Building - Tuesday October 8, 2024 10:30AM-12:00PM

Session ID 213

Session Title Cometary Activity Trends: Interpretations and Implications

Session Type Oral

Room 100 E

Presentations

Program Number: 213.01

Monitoring the Secular Decrease in Activity of Comet 103P/Hartley 2

A. Graykowski, SETI Institute; G. Langin, Ciel & Espace; N. Biver, Obs. de Paris; F.

Marchis, SETI Institute; U. Citizen Scientists, Unistellar; L. F. d. Citizen Scientists,

L'Association Française d'Astronomie.

Thank you for sharing your science!