

**Workshop: Science with NEO Surveyor**  
Date: May 7-9, 2024  
Location: Catamaran Resort, San Diego, CA  
Draft agenda, dated 2024-04-16

**Draft Schedule, subject to change**

**Topics in bolded red font are intended to have limited capability for remote participation, TBD**

- Tuesday May 7, 2024
  - 9:00 AM – Noon PDT: **Intro to NEO Surveyor and mission description**
    - 9:00 – 9:30: Intro to Surveyor, simulations – Amy Mainzer
    - 9:30 – 10:00: Project Overview – Tom Hoffman
    - 10:00 – 10:20: PSE overview of flight system modeling – Serge Dubovitsky
  - 10:20 – 10:30: Break
    - 10:30 – 10:50: Flight System – Ed Swenka
    - 10:50 – 11:10: Mission System – Mark Rokey
    - 11:10 – 11:30: Orbit and Nav – Mar Vaquero
    - 11:30 – 12:00: Mission Planning – Chris Lawler
  - Noon – 1:00 PM PDT: Lunch + icebreaker
  - 1:00 PM – 5:00 PM PDT: Simulated data overview and small group hackathon
    - 1:00 – 2:00: NSDS and IRSA – Roc Cutri
    - 2:00 – 2:30: Survey Simulator Design and Validation – Dar Dahlen
    - 2:30 – 3:00: Description of example data to be used for science breakouts – Joe Masiero
    - 3:00 – 5:00: attendees download, interact with sample data
  - 7:30 PM – 10 PM PDT: Group Dinner on the Bahia Belle Sternwheeler
- Wednesday May 8, 2024
  - **Invited speaker presentations on synergies with other science and surveys**
    - 9:00 – 9:20: Federica Spoto: "Minor Planet Center: preparing for NEO Surveyor"
    - 9:20 – 9:40: Dave Jewitt: "Comet Science from NEO Surveyor"
    - 9:40 – 10:00: Ed Rivera-Valentín: "Ground-based radar NEO observations and synergies with NEO Surveyor"
    - 10:00 – 10:20: Michele Bannister: Title TBD
    - 10:20 – 10:40: Sarah Greenstreet: "NEO science synergies between NEO Surveyor and Rubin Observatory"
  - 10:40-10:50 Break
  - **Invited Early Career presentations**
    - 10:50 – 11:00: Yuna Kwon
    - 11:00 – 11:10: Kiana McFadden
    - 11:10 – 11:20: Yaeji Kim
    - 11:20 – 11:30: Brian Murphy
    - 11:30 – 11:40: Rosemary Dorsey
    - 11:40 – 11:50: Garrett Levine
    - 11:50 – 12:00: Pranvera Hyseni
  - 12:00 – 1:00 PM PDT: Lunch

- **Invited Early Career presentations (con't)**
  - 1:00 – 1:10: Xavier Inosencio
  - 1:10 – 1:20: Michael Lucas
  - 1:20 – 1:30: John Forbes
  - 1:30 – 1:40: Yoonyoung Kim
- 1:40 – 2:00 PM PDT: Introduction of sample science topics
- 2:00 – 5:00 PM PDT: Small group breakout sessions to work on science topics
- Thursday May 9, 2024
  - 9:00 AM – 10:30 AM PDT: Small group presentations on findings
  - 10:30 – 10:40 AM PDT: Break
  - 10:30 AM – noon PDT: Additional simulated data distribution, group reshuffle, science topic work session
  - Noon – 3:30 PM PDT: Continued Science Topic work session
  - 3:30 PM – 5:00 PM PDT: Small group presentations on findings; Closing remarks