

Origins June meeting at Flatiron Preliminary Agenda

Flatiron Simons Foundation
162 5th Avenue, 2nd Floor Auditorium
New York, NY United States,

Thursday June 20th, 2019

8:30 am Coffee/breakfast items

9:00 am - 9:30 am Welcome, David Spergel/Margaret+Asantha/Kartik

9:30 am - 10:00 am Origins Final Report/Tech Dev Plan discussion (InDesign version to be distributed to STDT before the meeting), Margaret

10:00 am - 11:00 am LCIT feedback status, Dave

11:00 am - 11:30 am Jonathan Arenberg (Northrop)/Mike DiPirro (GSFC)
Realizing a 4K Telescope

11:30 am - 12:00 pm Gary Melnick & Dominic Pesce, Origins and EHT .

12:00 pm - 1:00 pm Lunch

1:00 pm - 1:30 pm Origins Astro2020 APC White Paper discussion, Asantha
Origins-related (SPICA participation, Heterodyne Martina, CMB-HD?)

1:30 pm - 2:00 pm Origins talking points and community outreach plan, Alex
Lockwood/Cara Battersby

2:00 pm - 3:00 pm Practice Origins presentations with slide deck in small groups: 2 to 3
hours: 1.5 to 2.5 hours in small groups trying out the talk. 0.5 hours to
collect all the input as a group

3:00 pm - 3:30 pm Break

3:30 pm - 5:00 pm Practice Origins presentations with slide deck in small groups: 2 to 3
hours: 1.5 to 2.5 hours in small groups trying out the talk. 0.5 hours to
collect all the input as a group

5:00 pm - 6:00 pm Small groups: ask hard questions and get answers to fill out a FAQ about Origins for websites and for giving talks

6:30 pm STDT and participant dinner/Champagne toast

Friday June 21st, 2019

9:00 am - 10:00 am OST overview talk, Cara Battersby

10:00 am - 10:30 am Extragalactic source simulations and spectral extraction, Alex Griffiths (Nottingham; remote talk)

10:30 am - 11:00 am Ravi Kopparapu, GSFC, Identifying Habitable Worlds in our Galaxy

11:00 am - 11:30 am Will Fischer, STScI, Detecting Protostellar Luminosity Outbursts with Far-IR Photometric Monitoring

11:30 - 12:00 pm Chris Hayward, Flatiron, Theoretical models of dusty galaxies

12:00 pm - 1:00 pm Lunch

1:00 pm - 1:30 pm Origins hard questions (as the full group, summarizing from day before), Alex, Cara, Karin, Kate

1:30 pm - 2:00 pm Ke Zhang, Michigan, Tracing the chemical origins of worlds with Origins

2:00 pm - 2:30 pm Allison Kirkpatrick, Kansas, Far-IR

2:30 pm - 3:00 pm Justin Spilker, Austin, Galaxy Feedback and Outflows

3:00 pm - 3:30 pm Break

3:30 pm - 4:00 pm Chia-Yu Hu, Flatiron, Dust evolution in hydrodynamical simulations

4:00 pm - 4:30 pm L. Y. Aaron Yung, Rutgers, Semi-analytic forecast: uncovering galaxy formation with JWST, WFIRST, and Beyond

4:30 pm - 5:00 pm Luca Matr , CfA, Exocometary Science with Origins

5:00 pm - 5:30 pm Concluding remarks, Margaret/Dave