

HabEx STDT Meeting #4 Agenda

April 19-21, 2017

Residence Inn Hotel, 120 Broadway, Cambridge, MA 02142

Day 1: Wednesday, April 19, 2017	
1:00 PM to 1:30 PM	Introduction: Meeting Goals (<i>Scott Gaudi and Sara Seager</i>)
1:30 PM to 2:00 PM	Current Status of 4m Design (<i>Gary Kuan</i>)
2:00 PM to 2:30 PM	Optical Design (<i>Stefan Martin</i>)
2:30 PM to 3:00 PM	Telescope Design (<i>Phil Stahl</i>)
3:00 PM to 3:30 PM	Enabling and Enhancing Technologies (<i>Keith Warfield</i>)
3:30 PM to 4:00 PM	Coffee Break
4:00 PM to 4:30 PM	Summary of the CATE Process (<i>Bob Bitten</i>)
4:30 PM to 4:45 PM	Review of the K-T Matrix Methodology (<i>Gary Blackwood</i>)
4:45 PM to 5:30 PM	Worked Example <ul style="list-style-type: none"> • M1a: Cumulative Number of HZs • M1b: Deep dive explore nearest systems
5:30 PM	Adjourn
6:30 PM	Group dinner as desired

Day 2: Thursday, April 20, 2018	
8:30 AM to 9:00 AM	Coffee/Light Refreshments
9:00 AM to 10:30 AM	Working through the K-T Matrix: Science Working Groups <ul style="list-style-type: none"> • Auxiliary Exoplanet Information (<i>Leslie Rodgers</i>) • General Astrophysics (<i>Dan Stern</i>)
10:30 AM to 11:00 AM	Coffee Break
11:00 AM to 12:30 PM	Working through the K-T Matrix: Science Working Groups <ul style="list-style-type: none"> • Habitable Zone (<i>Ty Robinson</i>) • Nearby Stars Survey (<i>Sara Seager</i>)
12:30 PM to 1:30 PM	Lunch
1:30 PM to 3:00 PM	Working Through the K-T Matrix: Technological Working Groups <ul style="list-style-type: none"> • Coronagraph Technology (<i>Dimitri Mawet</i>) • Starshade Technology (<i>Stuart Shaklan</i>) • Telescope Technology (<i>Phil Stahl</i>)
3:00 PM to 3:30 PM	Coffee Break
3:30 PM to 5:00 PM	Working Through the K-T Matrix: Technological Working Groups <ul style="list-style-type: none"> • Detector and Spectrometry Technology (<i>Shouleh Nikzah</i>) • Science Yield Estimate (<i>Bertrand Mennesson and Chris Stark</i>)
5:00 PM	Adjourn
6:30 PM	Group Dinner as Desired

Day 3: Friday, April 21, 2017

8:30 AM to 9:00 AM	Coffee/Light Refreshments
9:00 AM to 11:00 AM	Completing the K-T Matrix Discussion (led by <i>Scott Gaudi and Sara Seager</i>)
11:00 AM to 12:00 PM	Conclusion, Wrap-Up, Next Steps (<i>All</i>)
12:00 PM	Adjourn