

AstroTech Development Workshop Agenda: lab activities

Day 1: Monday, July 15, 2019

Time	Participants	Session	Location
	All	Breakfast on own	
10:30-10:45	Lab test pilots	Workshop Check-In	Lab 225 conference
10:45-11:00	Lab test pilots	Orientation to AstroTech Activities	Lab 225 conference
11:00-11:30	All	Welcome, Overview of Workshop Agenda and Participant Roles	Campbell 121
11:30-12:00	Lab test pilots	Intro to Build-Your-Own-Spectrograph	Lab 225 conference
12:00-1:00	All	Lunch	Campbell 6th floor
1:00-1:30	Lab test pilots	Lab Ground Rules	Lab 225 conference
1:30-4:00	Lab test pilots	Intro to Optics Lab and Spectrograph Demos (includes 15-minute break)	Lab 225
4:00-5:00	Lab test pilots	Collaborating Effectively on Teams	Lab 225 conference
	All	Dinner on own	

Day 2: Tuesday, July 16, 2019

Time	Participants	Session	Location
	All	Breakfast on own	
8:00-8:50	Lab test pilots	Feedback on Day 1	Lab 225 conference
8:50-9:00	Lab test pilots	Break	
9:00-11:45	Lab test pilots	Grating Design Lab - Part 1 (includes 15-minute break)	Lab 219
11:45-12:45	All	Lunch	Campbell 6th floor
12:45-2:05	Lab test pilots	Grating Design Lab - Part 2	Lab 219
2:05-2:20	Lab test pilots	Break	
2:20-3:20	Lab test pilots	Science and Engineering Requirements / Initial Spectrograph Designs	Lab 225 conference
3:20-3:50	Lab test pilots	Downselect Designs and Form Teams	Lab 225 conference
3:50-4:00	All	Break	
4:00-5:00	All	Power and Money in Astronomy Erika Hamden, University of Arizona	Campbell 131
	All	Dinner on own	

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Day 3: Wednesday, July 17, 2019

Time	Participants	Session	Location
	All	Breakfast on own	
8:00-8:45	Lab test pilots	Feedback on Day 2	Campbell 121
8:45-9:00	Lab test pilots	Break	
9:00-9:45	All	Overview of AstroTech Needs, goals, overall timeline and how AstroTech could evolve	Campbell 131
9:45-10:30	Lab test pilots	Prepare Career Questions	Campbell 121
10:30-10:45	All	Break	
10:45-11:45	All	Career Pathways Student participants (test pilots) interview experienced instrumentalists on their career experiences and strategies for succeeding in instrumentation	Campbell 131 + Campbell 121
		After 11:45 am Wed, test pilots are dismissed until Thurs	

AstroTech Development Workshop Agenda: lab activities

Day 4: Thursday, July 18, 2019

Time	Participants	Session	Location
	All	Breakfast on own	
8:00-8:20	Lab test pilots	Feedback on Day 3	Lab 225 conference
8:20-8:50	Lab test pilots	Integration and Testing - Test Plan	Lab 225 conference
8:50-9:00	Lab test pilots	Break	
9:00-10:30	Lab test pilots - detector group	Build Your Own Spectrograph - Detector Build Part 1	Lab 219 + Lab 225
9:00-10:30	Lab test pilots - optics group	Build Your Own Spectrograph - Optomechanics Part 1	Lab 219 + Lab 225
10:30-10:45	Lab test pilots	Break	
10:45-11:00	Lab test pilots	Team check-in	
11:00-12:30	Lab test pilots - detector group	Build Your Own Spectrograph - Detector Build Part 2	Lab 219 + Lab 225
11:00-12:30	Lab test pilots - optics group	Build Your Own Spectrograph - Optomechanics Part 2	Lab 219 + Lab 225
12:30 - 1:30	All	Lunch	Campbell 6th floor
1:30-3:30	Lab test pilots	Integration and Testing - Align and Verify Performance	Lab 219 + Lab 225
3:30-3:45	All	Break	
3:45-4:30	All	Instrument tour and synthesis	Lab 219 + Lab 225 + Campbell 131
4:30-5:00	Lab test pilots	Feedback on Day 4 and Overall Workshop	Campbell 131
	All	Dinner on own	