

AstroTech 2021

Preliminary Agenda at-a-Glance

DAY DESCRIPTION

1 Instrumentation Careers & Making The Most Of Astrotech

OPTICS LAB: HANDS-ON LAB ON SPECTROGRAPHS, REFRACTION, RAY TRACING AND IMAGE FORMATION

2 INCLUSIVE TEAMWORK SESSION

SCIENCE GOALS & DESIGN REQUIREMENTS

BUILD-YOUR-OWN-SPECTROGRAPH: TEAMS COME UP WITH DESIGN CONCEPT AND GET FEEDBACK FROM EXPERTS

3 CAREER PATHWAYS NETWORKING SESSION: INDIVIDUALS FROM ACADEMIA, INDUSTRY AND GOVERNMENT DISCUSS CAREERS AND OPPORTUNITIES

BUILD-YOUR-OWN-SPECTROGRAPH (BYOS) DESIGN TIME: PARTICIPANTS FORM MULTIDISCIPLINARY TEAMS TO DESIGN, BUILD, AND TEST A SPECTROGRAPH AND CHOOSE A SPECIALTY TOPIC TO WORK WITH ON A TEAM: OPTO-MECHANICS, DETECTOR, CALIBRATION HARDWARE, ELECTRONICS, OR SOFTWARE.

4 BYOS GROUPS CONTINUE WORKING

INTEGRATION & TESTING

CHALLENGES AND RESILIENCE IN INSTRUMENTATION

5 Integration & Testing Continued

Commissioning

FINAL SPECTROGRAPH POSTER SHOWCASE

SUMMER SCHOOL CLOSE & FINAL DINNER

Updated: October 2020