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2021 AMOS CONFERENCE PROCEEDINGS

CISLUNAR SSA

Co-chaired by **James Frith**, Air Force Research Laboratory and **Jesse Greaves**, University of Colorado Boulder

INVITED TALK

CONJUNCTION/ RENDEZVOUS AND PROXIMITY OPERATIONS

Co-chaired by **James Blake**, University of Warwick, **Darren McKnight**, LeoLabs, and **Matthew Stevenson**, LeoLabs

ASTRODYNAMICS

Co-chaired by **Tom Kelecy**, The Stratagem Group and **Sam Wishnek**, University of Colorado Boulder

DYNAMIC TASKING

Co-chaired by **David Brough**, Numerica and **Gabe Egolf**, Parsons

FEATURED PRESENTATION

OPTICAL SYSTEMS & INSTRUMENTATION

Co-chaired by **Bradford Barrett**, Air Force Office of Scientific Research, **Matthew Bold**, Lockheed Martin, and **Stacie Williams**, Air Force Office of Scientific Research

FEATURED PRESENTATION

ATMOSPHERICS/SPACE WEATHER

Co-chaired by **Randall Alliss**, Northrop Grumman and **Brandon "BT" Cesul**, KBR

2021 AMOS STUDENT AWARD WINNER

NON-RESOLVED OBJECT CHARACTERIZATION

Co-chaired by **Heather Cowardin**, NASA Johnson Space Center, **Weston Faber**, L3 Harris, and **Zach Gazak**, Odyssey Systems

SPACE SITUATIONAL/DOMAIN AWARENESS

Co-chaired by **Moriba Jah**, University of Texas at Austin and **Danielle Wood**, Space Enabled Research Group, MIT Media Lab

INVITED TALK

MACHINE LEARNING FOR SSA APPLICATIONS

Co-chaired by **Islam Hussein**, Trusted Space and **Charlotte Shabarekh**, MIT Lincoln Laboratory

POSTER PRESENTATIONS

APPENDIX