

DAY 2 – October 2, 2019

08:30 Registration

With continental breakfast available

09:00 Breakfast Keynote

Kenneth Bowersox, Acting Associate Administrator for Human Exploration and Operations, NASA

09:30 Panel: Moon, Mars and Beyond: The Servicing Industry's Role in Future Exploration

A discussion of the role commercial satellite servicing can play in partnering with governments in bringing future plans for human space exploration to reality.

Moderator: Ian Christensen, CONFERS Stakeholder Engagement Coordinator

Speakers:

Bob Curbeam, Vice President, Business Development Space Systems Group, Northrop Grumman Innovation Systems

Jamie Landers, Lockheed Martin

Daniel Noelke, German Aerospace Center (DLR)

Al Tadros, Vice President, Space Infrastructure and Civil Space, Maxar

10:30 CONFERS Product Spotlight

Briefing by Dr. Brian Weeden on 2019 outcomes and products of the Consortium for Execution of Rendezvous and Servicing Operations (CONFERS).

10:45 Coffee Break

11:15 CONFERS Issue Forum: Sustainability and Commercial On-Orbit Servicing

Issues Forum sessions are intended to be interactive discussions between CONFERS participants that showcase how the products being developed by CONFERS relate to enabling commercial OOS and RPO. In this case, the session will talk about how commercial servicing capabilities provide important civil and commercial benefits that are distinct from space-based weapon capabilities as well as the role of responsible operations practices in enabling those benefits.

Moderator: Brian Weeden, CONFERS Executive Director

Speakers:

Joe Anderson, Vice President, Operations and Business Development, SpaceLogistics

Drew Garza, George Washington University

Theresa Hitchens, Breaking Defense

Matthew Shoupe, Manager, Strategic Market Development, LeoLabs

Charity Weeden, Vice President, Global Space Policy, Astroscale

12:15 CONFERS Town Hall

A town hall style discussion with all GSSF participants to allow for Q&A and discussion of policy, economic, and technical factors related to development of commercial satellite servicing capabilities. CONFERS Members and the audience will engage in a discussion of the key takeaways and outcomes of the GSSF.

Jim Armor, Chair, CONFERS Executive Committee

Todd Master, CONFERS Program Manager, Tactical Technology Office, DARPA

Dr. Brian Weeden, CONFERS Executive Director

13:00 Close



2019 GLOBAL SATELLITE SERVICING FORUM

OCTOBER 1-2, 2019

FHI 360 CONFERENCE CENTER

WASHINGTON D.C.



AGENDA

DAY 1 – October 1, 2019

08:30 Registration

With continental breakfast available

09:00 Opening Welcome

Dr. Brian Weeden, CONFERS Executive Director

Jim Armor, Chair, CONFERS Executive Committee

Michael Leahy, Director, Tactical Technology Office, Defense Advanced Research Projects Agency (DARPA)

Global Satellite Servicing Forum Sponsors for 2019



Wi-Fi Network: FHI360CONFCEN • Wi-Fi Password: connect2fhi • Sli.do Passcode: #X096

DAY 1 – October 1, 2019 (Continued)

08:30 Registration

With continental breakfast available

09:00 Opening Welcome

Dr. Brian Weeden, CONFERS Executive Director

Jim Armor, Chair, CONFERS Executive Committee

Michael Leahy, Director, Tactical Technology Office, Defense Advanced Research Projects Agency (DARPA)

09:30 Spotlight Talk: SpaceLogistics - Pioneering the Future of Space

Joe Anderson, Vice President, Operations and Business Development, SpaceLogistics

09:45 Economics of On-Orbit Servicing Part I: Commercial Servicing Pitch Session

A “pitch session” style format to highlight the value proposition of commercial satellite servicing across the range of servicing offerings represented in the CONFERS membership. Format: three 7 minute pitches describing the value proposition of that specific type of servicing (i.e. not a company pitch) from CONFERS members, followed by reaction from a discussant panel.

Moderator: Sima Fishman, Managing Director, Euroconsult USA

Pitches

GEO Satellite Servicing: Michael Pollack, Vice President for North America, Effective Space Solutions

LEO Satellite Servicing: Talbot Jaeger, Founder and Chief Technologist, Novawurks

Active Debris Removal / Satellite End of Life Services: Ron Lopez, President & Managing Director, Astroscale U.S.

Reaction

Bryan Benedict, Senior Director, innovation & Satellite Programs, SES Government Solutions

Earl Han, Engineer, OneWeb

10:30 Morning Coffee Break

11:00 Economics of On-Orbit Servicing Part II: Panel Discussion

What are the emerging market opportunities and technical and economic drivers supporting the emergence of satellite servicing and related activities? What specific challenges and opportunities exist? What are the roles of government programs and policy in supporting market development?

Moderator: Joerg Kreisel, CEO, JKIC

Speakers:

Joshua Davis, Developmental Planning & Projects, Advanced Development & Planning Division, The Aerospace Corporation

Carla Filotico, Partner, SpaceTec Partners

Bhavya Lal, Research Staff Member, Institute for Defense Analyses, Science and Technology Policy Institute

12:00 Networking Break & Lunch

12:30 Luncheon Keynote

Hirofumi Suzuki, Director, National Space Policy Secretariat, Cabinet Office, Japan

13:30 Panel: Government-Industry Partnerships to Enable Commercial Satellite Servicing

Discussion of how governments and industry can partner to enable commercial satellite servicing activities - it will discuss the role of government in providing the infrastructure and services necessary to enable the OOS industry

Moderator: Jim Armor, Chair, CONFERS Executive Committee

Speakers:

Tim Deaver, Head of US Space Programs, Airbus Space and Defense

Joseph C. Parrish, Program Manager, Robotic Servicing of Geosynchronous Spacecraft (RSGS), Tactical Technology Office (TTO), DARPA

Ben Reed, Deputy Director, Satellite Servicing Projects Division, NASA Goddard Flight Center

Jeremy Schiel, Co-Founder and Chief Marketing Officer, OrbitFab

14:30 Panel: Regulatory & Licensing Considerations for Satellite Servicing

A panel of U.S. and international government & industry representatives to discuss the emerging questions and regulatory approaches related to this developing field. Highlighting near-term issues and needs as countries develop and implement licensing approaches related to satellite servicing.

Moderator: Mike Gold, CONFERS Executive Committee Member

Speakers:

Tahara Dawkins, Director, NOAA Commercial Remote Sensing Regulatory Affairs, United States Department of Commerce

Toby Harris, Head of Orbital Systems, UK Space Agency

Karl Kensinger, Deputy Division Chief, International Bureau Satellite Division, Federal Communications Commission

Chris Kunstadter, GLOBAL Head of Space, AXA XL

15:30 Networking & Coffee Break

16:00 CONFERS Issues Forum: The Role of Standards in Promising Safety and Enabling Growth

A discussion of the state of play related to standards in the satellite servicing industry and how CONFERS is changing that. What role do standards play in opening up markets and informing regulation?

Moderator: Dr. Brian Weeden, CONFERS Executive Director

Speakers:

Dave Barnhart, CONFERS Research Director

Diane Howard, Chief Counsel for Space Commerce, US Department of Commerce

Dan Oltrogge, US TAG Chair, ISO TC 14

Fred Slane, CONFERS Standards Development Coordinator

17:00 Close