

# SATELLITE 2018 Conference Sessions



| Session Title   | Date and Time              | Location  | Tracks                             | Speakers   |
|---|----------------------------|-----------|------------------------------------|--|
| Rise N' Shine Continental Breakfast   | 03/12/2018<br>8:00 - 08:30 | 202 Foyer | SATELLITE Networking Opportunities |  |
| Monday Opening Power Session: Welcome to SATELLITE 2018: Challenges and Opportunities for an Industry in Transition | 03/12/2018<br>8:30 - 09:30 | 202       | Power Sessions                     | Kay Sears; Vice President, Strategy and Business Development for Space Systems; Lockheed Martin   Nathan Kundtz; CEO; KYMETA CORPORATION   Carolyn Belle; Senior Analyst; Northern Sky Research   Luigi Pasquali; CEO; Telespazio   Jeff Matthews; Specialist Leader; Deloitte   Bryan Hartin; Executive Vice President; Iridium Communications  |
| SGx Keynote Series & Speed Mentoring at SATELLITE   | 03/12/2018                 | 207A      | Keynote Series - SGx               | Nathan Kundtz; CEO; KYMETA CORPORATION   Tory Bruno; President and CEO; United Launch Alliance   Brian Weeden; Director, Policy Planning; Secure World Foundation   Jenny Barna; Director of Launch; Spire   Dr. Gale Allen; Acting Chief Scientist; NASA   Mark Boggett; Managing Director; Seraphim Capital   Dr. Matthew Daniels; Advisor, Office of the Secretary of Defense; U.S. Department of Defense   Alex Greenberg; Co-Founder, Head of Operations; Loft Orbital   Samantha Marquart Brainard; PhD Candidate, Systems Engineering; George Washington University   Mr. Chirag Parikh; Director, Office of Source Strategies; National Geospatial Intelligence Agency NGA   Saúl Reza Arcelus; Writer, Radio Host for EnEIAire Radio & Pilot; |

|  |                            |      |                                 |   |
|--|----------------------------|------|---------------------------------|---|
| 2018   | 9:00 - 06:00               |      |                                 | Aeroméxico   Adam Smith; Co-Founder, Head of Business and Sales; Descartes Labs   Jim Simpson; CEO; Asia Broadcast Satellite (ABS)   Justin Kugler; Business Development Engineer; Made In Space   Dr. Erika Wagner; Business Development Manager; Blue Origin   Lisa Callahan; Vice President and General Manager of Commercial Civil Space; Lockheed Martin Space Systems   Tanya Harrison; Director of Research for the Space Technology and Science; Arizona State University   David Payne; Vice President, Government and Regulatory Affairs; Analytical Space   Randy Segal; Partner; Hogan Lovells   Joseph Mascaro, PhD; Director of Academic Programs; Planet |
| Finance Forum Keynote: The State of Satellite Markets  | 03/12/2018<br>9:45 - 10:00 | 202  | Finance Forum                   | Christopher Baugh; President; NSR   |
| Unleashing the Power and Innovation of New Military, Civil and Commercial Space-Ground Systems | 03/12/2018<br>9:45 - 10:05 | 201  | Engineering Forum               | Ryan Orth; Vice President, RF Intelligence Systems; General Dynamics  |
| The New Economics and Costs of Building Constellations   | 03/12/2018<br>9:45 - 10:45 | 206  | Launching & Manufacturing Forum | Dave Davis; Managing Partner; InMotion Holdings   Andreas Lindenthal; Member of the Management Board; OHB System AG   Mark Rigolle; CEO; LeoSat Enterprises   Erwin Hudson; Vice President, Telesat LEO; Telesat Canada   Lisa Callahan; Vice President and General Manager of Commercial Civil Space; Lockheed Martin Space Systems   Debra Facktor; Vice President and General Manager, Strategic Operations; Ball Aerospace  |
| Ultra HDTV Live Event and News Broadcasting: The Olympics and Beyond                           | 03/12/2018<br>9:45 - 10:45 | 207B | Broadcast & Media Forum         | Mr Rudiger J. Ellis; CEO; Switchboard Live   Mr Eddie Vaca; Founder & CEO; AmpLive, Inc.   Antonio Arcidiacono; Director of Innovation; EUTELSAT S.A.   Bart Van Poucke; Vice President, Product Management; Newtec   |

|  |                             |           |                                    |   |
|--|-----------------------------|-----------|------------------------------------|---|
| Reading the Tea Leaves-<br>What do the Analysts Say?   | 03/12/2018<br>10:00 - 10:45 | 202       | Finance Forum                      | Christopher Baugh; President; NSR   Andrew Spinola; Equity Research; Wells Fargo   Giles Thorne; IT Hardware & Infrastructure, Equity Research; Jefferies Group   Justin Cadman; Senior Vice President, Investment Banking; Raymond James   Wim Steenbakkers; Managing Director, Global Head Satellite Finance; ING Wholesale Banking |
| A Different Approach to<br>Designing Multi-Level<br>Satellite Cybersecurity<br>Defenses        | 03/12/2018<br>10:15 - 10:35 | 201       | Engineering Forum                  | Francois Carraud; System Chief Engineer; Thales Alenia Space  |
| Morning Refreshment Break  | 03/12/2018<br>10:45 - 11:00 | 202 Foyer | SATELLITE Networking Opportunities |   |
| Bandwidth Congestion and<br>the Need to Move up to Q-<br>and V-band Frequencies                | 03/12/2018<br>11:00 - 11:20 | 201       | Engineering Forum                  | Christophe Bauer; Vice President of Business Development; L3 Technologies, Electron Devices   |
| Financing HTS Growth-<br>GEOs, MEOs, LEOs  | 03/12/2018<br>11:00 - 12:00 | 202       | Finance Forum                      | Mr. J. Armand Musey; President and Founder; Summit Ridge Group LLC   Mark Rigolle; CEO; LeoSat Enterprises   Grant Barber; CFO; Hughes, an EchoStar Company   Chris Quilty; President; Quilty Analytics   Joshua Marks; Executive Vice President, Aviation Connectivity; Global Eagle Entertainment, Inc.                             |
| High-Octane Smallsats:<br>Packing More Power and<br>Performance into Smaller<br>Spacecraft     | 03/12/2018<br>11:00 - 12:00 | 206       | Launching & Manufacturing Forum    | Robert Hoyt; CEO & Chief Scientist; Tethers Unlimited, Inc.   Meir Moalem; CEO & MD; Sky and Space Global   Shey Sabripour; CEO; CesiumAstro, Inc.   Marco Villa; President & COO; Tyvak Nano Satellite Systems, Inc.   Elizabeth Driscoll; Chief Operating Officer; GomSpace North America   |
| DTH Sustainability: A State of<br>the Union Address for<br>Satellite's Most Reliable<br>Market | 03/12/2018<br>11:00 - 12:00 | 207B      | Broadcast & Media Forum            | Robert Cerbone; Vice President and General Manager of Media; Intelsat   John Ball; Vice President, International Distribution and Technology; Turner Broadcasting System, Inc.   Phillip Spector; Of Counsel; Milbank, Tweed, Hadley & McCloy   Ignacio Sanchís; CCO; Hispasat  |

|   |                             |            |  |   |
|---|-----------------------------|------------|--|---|
| How MARS Payload Technology Can Increase Effective Power Utilization and Signal Routing for High-Throughput Satellites        | 03/12/2018<br>11:30 - 11:50 | 201        | Engineering Forum                                  | Xuyen "XT" Vuong; Chief Scientist and Vice President; ARTEL, LLC  |
| SATELLITE Monday Keynote Lunch: The Four Corners of Innovation Can Unlock the Growth Potential for High Throughput Satellites | 03/12/2018<br>12:15 - 01:30 | Ballroom A | Power Sessions, SATELLITE Networking Opportunities | John Finney; Founder; Isotropic Systems   |
| Small Satellite Ground Systems in the Cloud   | 03/12/2018<br>1:45 - 02:05  | 201        | Engineering Forum                                  | Christopher Beam; Senior Project Engineering Manager; Kratos  |
| Emerging Space- Is there a Path to Profitability?   | 03/12/2018<br>1:45 - 02:45  | 202        | Finance Forum                                      | Carolyn Belle; Senior Analyst; Northern Sky Research   Rob Coneybeer; Managing Director; Shasta Ventures   Jeanette Quinlan; Managing Director, USA; Starburst Accelerator   Steve Jorgenson; Partner; StarBridge Ventures  |
| New Launch Options to Orbit Part 1: Ridesharing and Small Satellite Launch Specialists  | 03/12/2018<br>1:45 - 02:45  | 206        | Launching & Manufacturing Forum                    | Curt Blake; President; Spaceflight Inc.   Dan Hart; President & CEO; Virgin Orbit   Kendall Russell; Assistant Editor; Via Satellite   Jenny Barna; Director of Launch; Spire   Thomas Markusic; CEO; Firefly Aerospace   Rich Pournelle; VP of Business Development; Nanoracks |
| Building the Ultimate Entertainment Package: Content Consolidation in the IoT, OTT Ecosystem                                  | 03/12/2018<br>1:45 - 02:45  | 207B       | Broadcast & Media Forum                            | Amy Maclean; Editorial Director; Cablefax   Will Jamieson; CEO; Stream   Mr Eddie Vaca; Founder & CEO; AmpLive, Inc.   Ole Sivertsen; Senior Vice President, Maritime; Global Eagle Entertainment   Mr William Fisher; Advisor - "New Age" Media Practice; Wipro Technologies   |
| New Electrospray Propulsion Technology for Future Space Applications  | 03/12/2018<br>2:15 - 02:35  | 201        | Engineering Forum                                  | Natalya Bailey; CEO; Accion Systems   |
| Afternoon Refreshment Break   | 03/12/2018<br>2:45 - 03:00  | 202 Foyer  | SATELLITE Networking Opportunities                 |   |

|   |                            |      |                                 |  |
|---|----------------------------|------|---------------------------------|--|
| Critical Developments in Antenna Technology for In-Flight Connectivity        | 03/12/2018<br>3:00 - 03:20 | 201  | Engineering Forum               | Mr. Dubi Lever; Chief Communications Engineering; Gilat Satellite Networks   |
| Ecosystem Battle- Who Wins and Loses?   | 03/12/2018<br>3:00 - 04:00 | 202  | Finance Forum                   | PJ Beylier; CEO; SpeedCast   Bradford Grady; Senior Analyst; NSR   Claude Rousseau; Research Director; NSR   Reza Rasoulia; Vice President, Global Connectivity & Shipboard Technology Operations; Carnival Corporation & PLC   Mark Dankberg; Chairman & CEO; Viasat   Nic Volpi; Partner; Permira Advisers, LLC   Steve Collar; CEO, SES Networks and CEO Designate; SES                                 |
| New Launch Options to Orbit Part 2: Sub-orbital Launching                     | 03/12/2018<br>3:00 - 04:00 | 206  | Launching & Manufacturing Forum | Marshall Culpepper; CEO; Kubos   Clay Mowry; Vice President, Sales, Marketing and Customer Experience; Blue Origin   Mr. Richard DalBello; Vice President of Business Development and Government Affairs; Virgin Galactic   Dr. Steven Collicott; Professor of Aeronautics & Astronautics; Purdue University   Dara Panahy; Partner; Milbank, Tweed, Hadley & McCloy                                       |
| Interplay Between Spectrum and Standards in 5G                                | 03/12/2018<br>3:00 - 04:00 | 207B | Broadcast & Media Forum         | Jennifer Manner; Senior Vice President of Regulatory Affairs; EchoStar Corporation   Gerry Oberst; Senior Vice President, Global Regulatory and Governmental Strategy; SES   Didier Le Boulc'h; R&D and Product Policy Director; Thales Alenia Space   Nelson Malaguti; Counsellor for ITU-R Study Group 4 (SGD/SG4); ITU   Ethan Lucarelli; Director, Regulatory and Public Policy; Inmarsat Global, Ltd. |
| Challenges in Integrating Commercial Satcom in Advanced Military Environments | 03/12/2018<br>3:30 - 03:50 | 201  | Engineering Forum               | Sherin Kamal; Chief Scientist / Engineer; Science Applications International Corporation (SAIC)  |
| Monday Closing Power Session - Launch Services                                | 03/12/2018                 | 202  | Power Sessions                  | Tory Bruno; President and CEO; United Launch Alliance   Stéphane Israël; CEO; Arianespace   Kirk Pysher; President; International Launch Services   Gwynne Shotwell; President & COO; SpaceX   Eric Stallmer; President; Commercial Spaceflight  |

Panel: Breaking Through the Bottleneck 4:15 - 05:15

Federation | Bob Smith; CEO; Blue Origin | Dr. Ko Ogasawara; Vice President and General Manager, Business Development Department, Space Systems; Mitsubishi Heavy Industries, Ltd.

|   |                             |  |                                    |  |
|---|-----------------------------|--|------------------------------------|--|
| SATELLITE Speakeasy Soiree sponsored by Inmarsat  | 03/12/2018<br>5:00 - 07:00  | Ballroom A                             | SATELLITE Networking Opportunities |  |
| Rise N' Shine Continental Breakfast   | 03/13/2018<br>8:00 - 08:30  | Ballroom Foyer                         | SATELLITE Networking Opportunities |  |
| Tuesday Opening General Session - The Satellite Connection: How Operators are Capturing a Larger Piece of the Data-Networking Pie | 03/13/2018<br>8:30 - 10:30  | Ballroom BC                            | General Sessions                   | Andrew Spinola; Equity Research; Wells Fargo   Rodolphe Belmer; CEO; Eutelsat   Mark Dankberg; Chairman & CEO; Viasat   Mark Holmes; Editorial Director, Aerospace; Via Satellite   Stephen Spengler; CEO; Intelsat   Guillermo Muniz; Director, Satellite and Network Engineering; Royal Caribbean Cruises Ltd.   Steve Collar; CEO, SES Networks and CEO Designate; SES   Daniel S. Goldberg; CEO; Telesat Canada   Maciej Kranz; Vice President, Strategic Innovation; Cisco  |
| Startup Space 2018 Entrepreneur Pitch Contest   | 03/13/2018<br>10:45 - 05:00 | SATELLITE Unveiled Theater, Booth 1152 | Exhibit Hall Events                | Michael Collett; Managing Partner; Promus Ventures   Maher Ezzeddine; CEO, Ideanco and President; Harvard Business School Aerospace Alumni Group   David Fischer; Senior Manager of Strategic Development; Ball Aerospace   Grégory Pradels; Small Satellites Development; Aerospace Valley   David Shaw; Co-founder and Chief Commercialization Officer; Astrapi Corporation   Justin Cadman; Senior Vice President, Investment Banking; Raymond James   Joel Viñas; Co-Founder; NewSpace Chicago   Justus Kilian; Principal; Space Angels Network   Barbara Clarke; Founding Member, The Impact Seat, and Founding Member, Angel Investor; Astia   Maryanna Saenko; Senior Associate, Venture Capital; Draper Fisher Jurvetson   Mr. Jeff Smith; Startup Space Project Manager; Space Frontier Foundation   Logan Campbell; CEO; Aerotas   Mr Rudiger J. Ellis; CEO; |

Switchboard Live | Mr Eddie Vaca; Founder & CEO; AmpLive, Inc. | Troy McCann; Founder and Managing Director; MoonshotX | Debra Facktor; Vice President and General Manager, Strategic Operations; Ball Aerospace | Cary Jackson; Co-Founder and Principal; Jack Industries | Khattar Abdulkhalek; Drone Project Manager; Ideanco. | Dr. Sean Casey; Founder and Managing Director; Silicon Valley Space Center

|   |                             |  |                                    |   |
|---|-----------------------------|--|------------------------------------|---|
| WSBR 2018 Flagship and Silent Auction Lunch (Separate Ticket Purchase Required) | 03/13/2018<br>11:00 - 01:30 | 146BC                                  | SATELLITE Networking Opportunities |   |
| WTA 2018 Teleport Awards Luncheon (Separate Ticket Required)                    | 03/13/2018<br>12:00 - 01:30 | 146A                                   | SATELLITE Networking Opportunities |   |
| MSUA Mobility Innovation Awards Luncheon 2018 (Separate Ticket Required)        | 03/13/2018<br>12:00 - 01:30 | 206                                    | Mobile Connectivity Forum          |   |
| Startup Space 2018 Entrepreneur Pitch Contest PM Sessions                       | 03/13/2018<br>1:30 - 05:00  | SATELLITE Unveiled Theater, Booth 1152 | Exhibit Hall Events                |   |
| Serving Connected Enterprises in Remote Regions: Industrial IoT and Automation  | 03/13/2018<br>1:45 - 03:00  | 201                                    | Enterprise Forum                   | Tsachi Dahan; Director; Baylink   Hasteen Jobalia; Senior Application Engineer - Space Flight; HUBER+SUHNER   Ariel Toh; Deputy Director of S.T.E.M Research & Social Entrepreneur; Marcharh   Olaf Oehrl; Director, New Business; ND SatCom GmbH   Craig Malone; EVP, Product Development; ORBCOMM   Yagnesh Rajendran; Vice President, Global Enterprise Sales and Business Development; ITC Global |
| In-Flight Connectivity Focus: New Routes and Service                            | 03/13/2018<br>1:45 - 03:00  | 202                                    | Mobile Connectivity Forum          | Mary Kirby; Founder, Publisher, and Editor; Runway Girl Network   Saúl Reza Arcelus; Writer, Radio Host for EnEIAire Radio & Pilot; Aeroméxico   William (Bill) Milroy; Chairman and CTO; ThinKom Solutions, Inc.   Anand Chari; Executive VP and Chief Technology  |

Officer; Gogo | Mr. Todd Hill; Senior Director of Global Satellite Capacity Planning; Panasonic | Mr. Mike Moeller; Vice President, Aviation Customers and Sales, Americas; Global Eagle Entertainment

|   |                                    |                   |   |   |
|---|------------------------------------|-------------------|---|---|
| <p>World Radiocommunication Conference 2019: The Global Future for Satellites</p>                         | <p>03/13/2018<br/>1:45 - 03:00</p> | <p>207A</p>       | <p>Government &amp; Military Forum</p>    | <p>Julie Zoller; Chief Government Affairs Officer; OmniSpace   Paige Atkins; Associate Administrator, Office of Spectrum Management; National Telecommunications and Information Administration (NTIA)   Dante Ibarra; World Radiocommunication Conference (WRC) Director; Federal Communications Commission (FCC)   Hazem Moakkit; Vice President, Corporate and Spectrum Strategy; Intelsat   Jennifer Warren; Vice President, Tech Policy &amp; Regulation, Government Affairs; Lockheed Martin   Ms Audrey Allison; Senior Director, Global Spectrum Management; Boeing Company</p> |
| <p>Global Advances in Industry Standards &amp; Quality Assurance</p>                                      | <p>03/13/2018<br/>1:45 - 03:00</p> | <p>207B</p>       | <p>Regional Forum</p>                     | <p>David Hartshorn; Secretary General; GVF (Global VSAT Forum)   Mark Steel; Vice President of Development and Market Strategy; Inmarsat, Inc.   Simon Gray; Vice President of Humanitarian Affairs; Eutelsat   Tony Azzarelli; VP, International Regulatory &amp; Policy Affairs; OneWeb   John Flynn; Vice President of Global Operations; Globecom</p>   |
| <p>Reuse, Revitalize, Repurpose - How In-Orbit Satellite Servicing is Changing the Economics of Space</p> | <p>03/13/2018<br/>2:00 - 03:00</p> | <p>Ballroom A</p> | <p>General Sessions</p>                   | <p>Tom Wilson; SpaceLogistics President; Orbital ATK   Dave Thompson; President and Chief Executive Officer; Orbital ATK, Inc</p>   |
| <p>Afternoon Refreshment Break</p>  | <p>03/13/2018<br/>3:00 - 03:15</p> | <p>202 Foyer</p>  | <p>SATELLITE Networking Opportunities</p> |   |
| <p>Powering (and Securing) Global Financial and Retail Transactions via Satellite</p>                     | <p>03/13/2018<br/>3:15 - 04:30</p> | <p>201</p>        | <p>Enterprise Forum</p>                   | <p>Ali Mohadjer; President and CEO; SatWays Inc.   Reza Rasoulia; Vice President, Global Connectivity &amp; Shipboard Technology Operations; Carnival Corporation &amp; PLC   Mr. Keith Johnson; Senior Vice President and General Manager, Energy Division; SpeedCast   Stéphane Chenard; Senior</p>   |



|  |                            |                |                                    |  |
|--|----------------------------|----------------|------------------------------------|--|
|  |                            |                |                                    | Associate Consultant; Euroconsult   Charles Renert; Vice President of Cybersecurity; Viasat   Michel Dothey; CCO; satADSL  |
| Maritime Focus: Bringing Cruise Lines, Superyachts and Large Passenger Ships Up to Speed     | 03/13/2018<br>3:15 - 04:30 | 202            | Mobile Connectivity Forum          | PJ Beylier; CEO; SpeedCast   Bertrand Hartman; CEO; Omni Access   Reza Rasoulia; Vice President, Global Connectivity & Shipboard Technology Operations; Carnival Corporation & PLC   Fabio Agostini; CIO; Silversea Cruises   Mark Holmes; Editorial Director, Aerospace; Via Satellite   Guillermo Muniz; Director, Satellite and Network Engineering; Royal Caribbean Cruises Ltd.   |
| Severe Weather and Natural Disasters - How Satellites Support Warning, Response and Recovery | 03/13/2018<br>3:15 - 04:30 | 207A           | Government & Military Forum        | Steve Birnbaum; President; Resudox Solutions LLC   Joseph A. Pica; Director, Office of Observations; National Weather Service   Simon Gray; Vice President of Humanitarian Affairs; Eutelsat   Ken Flowers; Vice President - Government; Iridium Communications   Tony Bardo; Assistant Vice President, Government Solutions; Hughes   Chris Tuttle; Region II Coordinator, Office of Emergency Communications; U.S. Department of Homeland Security |
| Africa / Middle East: Connecting People, Businesses and Governments through Collaboration    | 03/13/2018<br>3:15 - 04:30 | 207B           | Regional Forum                     | Dr. ILHAMI AYGUN; President and CEO; SSI-Monaco Space Systems International Monaco   Jassem Salman Nasser; Chief Strategy Officer; Thuraya telecommunications   Cenk Sen; General Manager; Turksat AS   Dr. Selman Nas; Executive Vice President, Space Systems; Turkish Aerospace Industries, Inc.  |
| SSPI Hall of Fame Celebration  | 03/13/2018<br>7:00 - 10:00 |                | SATELLITE Networking Opportunities |  |
| Rise N' Shine Continental Breakfast  | 03/14/2018<br>7:30 - 08:00 | Ballroom Foyer | SATELLITE Networking Opportunities |  |
| Wednesday Opening  |                            |                |                                    | Richard Ambrose; Executive VP, Space Systems; Lockheed Martin Space Systems Co.   Frank Culbertson, Jr.; President, Space Systems Group; Orbital ATK   Nicolas Chamussy; Executive Vice President, Space   |

|  |                            |  |                             |   |
|--|----------------------------|--|-----------------------------|---|
| General Session - Satellite Manufacturers: Building for an Increasingly Interconnected World | 03/14/2018<br>8:00 - 09:15 | Ballroom A                             | General Sessions            | Systems; Airbus Defense and Space   David Hartshorn; Secretary General; GVF (Global VSAT Forum)   Dario Zamarian; Group President; SSL   Chris Johnson; President, Boeing Satellite Systems International, Space & Missile Systems; Boeing Company   Mr Martin Van Schaik; Senior Vice President; Thales Alenia Space               |
| The New Shape of Solid State   | 03/14/2018<br>9:30 - 10:00 | SATELLITE Unveiled Theater, Booth 1152 | Exhibit Hall Events         | Steve Richeson; VP Sales & Marketing; Mission Microwave Technologies  |
| Opportunities for Ground Segment in OTT Video  | 03/14/2018<br>9:30 - 10:30 | 201                                    | Ground Technology Forum     | Mr. Roger Franklin; CEO; Crystal   Thomas Van den Driessche; CEO; Newtec   Koby Zontag; Vice President of Media Sales and Business Development; PCCW Global   Vince Matherne; CCO; Encompass Digital Media, Inc.  |
| Responding to Aeronautical Emergencies: Lessons Learned from Flights MH370 and AF447         | 03/14/2018<br>9:30 - 10:30 | 202                                    | Mobile Connectivity Forum   | Brian Pemberton; Vice President and General Manager, Aviation Line of Business; Iridium Communications Inc.   Tim Farrar; President; TMF Associates   Captain Mary McMillan; Vice President, Safety and Operational Services; Inmarsat Global, Ltd.   Gregoire Demory; President; Blue Sky Network   Daniel Baker; CEO; FlightAware |
| Government & Military Forum Keynote  | 03/14/2018<br>9:30 - 10:30 | 207A                                   | Government & Military Forum | Mr. Dave Redl; Assistant Secretary for Communications and Information and Administrator; National Telecommunications and Information Administration (NTIA)  |
| South America: How Satellite Broadband and Backhaul Can Connect the Continent's Smart Cities | 03/14/2018<br>9:30 - 10:30 | 207B                                   | Regional Forum              | Mr. Marzio Laurenti; CEO; Telespazio Brasil   Bart Van Utterbeeck; Vice President, South America; Newtec   Mauricio Segovia; CEO; Axesat   Mr. Mauro Wajnberg; General Manager, Telesat Brasil; Telesat Canada   Sergio Murillo; General Manager; Red 52   JR Cristovam Nascimento; Senior Partner; Unisat                          |

|  |                             |  |                                    |   |
|--|-----------------------------|--|------------------------------------|---|
| From Satellite to Ground Station, When Your Software Defined Future Simply Must Work | 03/14/2018<br>10:15 - 10:45 | SATELLITE Unveiled Theater, Booth 1152 | Exhibit Hall Events                | Ross Dickson; Product Line Manager; Wind River  |
| Morning Refreshment Break  | 03/14/2018<br>10:30 - 10:45 | 202 Foyer                              | SATELLITE Networking Opportunities |   |
| Clouding Up: How Teleports Integrate the Cloud into their Services                   | 03/14/2018<br>10:45 - 11:45 | 201                                    | Ground Technology Forum            | Keith Frost; Media and Data Networks Director; Arqiva Satellite & Media   Michael Smith; Senior Vice President, Enterprise Solutions; Kratos   José Sánchez Ruiz; Director of Service Operations; Eutelsat   Efi Levinzon; CPO (Chief Product Officer); NovelSat   Mr Steven Soenens; Vice President, Product Marketing; Skyline Communications   |
| Sea Traffic Control: Managing the Digitalization of the High Seas                    | 03/14/2018<br>10:45 - 11:45 | 202                                    | Mobile Connectivity Forum          | Peter Mabson; Chief Executive Office; exactEarth   Garry White; Rear Admiral, Vice Chairman; Busek, Excelsior Enterprises   Mr. Peter Platzer; CEO; Spire   Will Kraus; Director, Maritime Line of Business & Product Management; Iridium Communications   Anthony Pego; Director of Maritime Product Management; iDirect   |
| Adapting the Government-Commercial Satcom Relationship for the 21st Century          | 03/14/2018<br>10:45 - 11:45 | 207A                                   | Government & Military Forum        | Rebecca Cowen-Hirsch; Senior Vice President, Government Policy and Strategy; Inmarsat, Inc.   Ken Peterman; President, Government Systems; Viasat   Don Brown; General Manager, Government Services; Telesat Canada   Norman Yarbrough; Operations Research Analyst, Office of the Deputy Assistant Secretary of Defense (DASD) for C3, Cyber, and Business Systems; U.S. Department of Defense   Mr. David Myers; President & CEO; DataPath, Inc.   Moe Abutaleb; President & CEO; UltiSat |
| Africa: Next-Gen Pay-TV and the role of Sports in OTT Adoption                       | 03/14/2018<br>10:45 - 11:45 | 207B                                   | Regional Forum                     | Harish Goyal; CEO; Zee TV Africa   Carlos Tibi; President, CEO, & Founder; Icflix   Hans Geldenhuys; Managing Sales Director, Africa; Intelsat   Steven Hill; President; Satellite Broadcast and Communications Association (SBCA)  |

|   |                             |  |                                    |  |
|---|-----------------------------|--|------------------------------------|--|
| Caelus, the New Standard for Satellite Communications Auto-AQYR (Acquire) Antennas. | 03/14/2018<br>11:00 - 11:30 | SATELLITE Unveiled Theater, Booth 1152 | Exhibit Hall Events                | Rory Eddings; Director of Sales & Marketing; AQYR  |
| Satellite Executive of the Year 2017 Award Luncheon                                 | 03/14/2018<br>12:00 - 01:30 | Ballroom BC                            | SATELLITE Networking Opportunities | Congressman C.A. Dutch Ruppersberger; (D-MD); U.S. House of Representatives  |
| New Antennas, New Opportunities   | 03/14/2018<br>1:45 - 03:00  | 201                                    | Ground Technology Forum            | Richard Hadsall; Vice President of Global Network Operations; Kymeta   Paul Scardino; Senior Vice President; Globecomm   John Finney; Founder; Isotropic Systems   David Helfgott; CEO; Phasor   Pete Moosbrugger; Chief Technologist, Phased Array and RF Technology; Ball Aerospace   Mr Alvaro Sanchez; Sales and Marketing Director; INTEGRASYS SA   |
| Surging Opportunities for Global Satellite 4G Connectivity & Backhaul               | 03/14/2018<br>1:45 - 03:00  | 202                                    | Mobile Connectivity Forum          | Bryan McGuirk; Chief Commercial Officer; Globecomm   Denis Curtin; Principal; Communications Satellite Consultants   Ron Levin; Vice President of Global Accounts; Gilat Satellite Networks Ltd.   Vinay Patel; Senior Director/Regional Manager, Sub-Saharan Africa; Hughes, an EchoStar Company   Semir Hassanaly; Market Director for Mobile Backhaul & Trunking; Newtec   Omar Trujillo; VP, Latam Sales; O3b Networks |
| Commercial Earth Observation Data for Government: Use Cases and Regulatory Pathways | 03/14/2018<br>1:45 - 03:00  | 207A                                   | Government & Military Forum        | Peter Hays; Senior Space Policy Analyst, Falcon Research Policy & Integration Division (PDSASX); U.S. Department of Defense   Mr. Peter Platzner; CEO; Spire   Rich Leshner; Vice President, GA/GP; Planet   Walter Scott; Executive Vice President and Chief Technology Officer; Maxar Technologies   Kevin O'Connell; President & CEO; Innovative Analytics & Training LLC   |
| Energy, Industry and Mining: Serving New Big Data-Driven Markets                    | 03/14/2018<br>1:45 - 03:00  | 207B                                   | Enterprise Forum                   | Guido Neumann; Managing Director; CETel GmbH   Justin Oliveira; CEO and President; Analytical Space   Sanjay Singam; Vice President of Global Engineering; ITC Global   Ronald van der Breggen; Chief Commercial Officer; LeoSat Enterprises   Kris Jarrett;   |

Systems Engineering; iDirect | Thomas van der Heyden; Director; EurAsian Technology Holdings

|  |                            |  |                                    |   |
|--|----------------------------|--|------------------------------------|---|
| Data Security Without Boundaries: Establishing Highly-Secure Global Connections with Unyielding Encryption | 03/14/2018<br>2:30 - 03:00 | SATELLITE Unveiled Theater, Booth 1152 | Exhibit Hall Events                | Lance Smith; CEO; Cyphre  |
| Afternoon Refreshment Break  | 03/14/2018<br>3:00 - 03:15 | 202 Foyer                              | SATELLITE Networking Opportunities |   |
| Discover UHP RUN, Innovative Service Platform for Private VSAT Networks                                    | 03/14/2018<br>3:15 - 03:45 | SATELLITE Unveiled Theater, Booth 1152 | Exhibit Hall Events                | Michel Zimet; Senior Broadband Product Manager; Intelsat   Jan Stoop; Sales Director; UHP Networks Inc  |
| The Satellite of Things: Where Teleports Play in IoT   | 03/14/2018<br>3:15 - 04:15 | 201                                    | Ground Technology Forum            | Dave Rehbehn; Vice President, International Division; Hughes, an EchoStar Company   Frederick Morris; Vice President, Product Marketing; Comtech Telecommunications Corp.   Alessandro Caranci; Head of the Line of Business Satellite Communication; Telespazio   Bruce R. Elbert; President; Application Technology Strategy, L.L.C.   Erwan Emilian; EVP of Enterprise and Emerging Markets; SpeedCast |
| Solving the Mystery of Connectivity "Dead Zones" in the North Atlantic and Pacific Oceans                  | 03/14/2018<br>3:15 - 04:15 | 202                                    | Mobile Connectivity Forum          | Woodrow Bellamy III; Editor; Avionics Magazine   Nelson Malaguti; Counsellor for ITU-R Study Group 4 (SGD/SG4); ITU   Carlos Monsalve; International Airline B-787 Pilot, VP Air Transport Sales; Latitude Technologies   Don Buchman; Vice President and General Manager, Commercial Mobility; ViaSat  |
| Finding a Pathway to On-Orbit Servicing  | 03/14/2018<br>3:15 - 04:15 | 207A                                   | Government & Military Forum        | Lisa Kuo; Director of Commercial Programs; The Aerospace Corporation   David Barnhart; Director, Space Technology and Systems Group; Information Sciences Institute   Brian Weeden; Director, Policy Planning; Secure World Foundation   Tahara Dawkins; Director, Commercial Remote Sensing Regulatory Affairs Office; NOAA/U.S. Department of Commerce   Al Tadros; Vice                                |

|   |                             |                          |                                    |  |
|---|-----------------------------|--------------------------|------------------------------------|--|
|   |                             |                          |                                    | President of Space Infrastructure and Civil Space; SSL   Tim Deaver; CVP, Development; SES Government Solutions  |
| How Satellite Startups are Capturing New Verticals                                      | 03/14/2018<br>3:15 - 04:15  | 207B                     | Enterprise Forum                   | Craig Mullett; President; Branison Group   David Shaw; Co-founder and Chief Commercialization Officer; Astrapi Corporation   Jeff Matthews; Specialist Leader; Deloitte   Naomi Kurahara; Co-Founder / CEO; Infostellar  |
| Wednesday Closing Session: Leading Regional Operators Assess the Industry's 5G Strategy | 03/14/2018<br>4:30 - 05:30  | 202                      | Power Sessions                     | Carissa Christensen; Chief Executive Officer; Bryce Space and Technology   Patompob (Nile) Suwansiri; Chief Commercial Officer; Thaicom Public Company Limited   Jim Simpson; CEO; Asia Broadcast Satellite (ABS)   Andrew Jordan; CEO; Asia Satellite Telecommunications Co. Ltd. (AsiaSat)   Amit Somani; Chief Strategy Officer; Yahsat   Ahmed Ali Al Shamsi; Acting Chief Executive Officer; Thuraya Telecommunications Co. |
| SATELLITE 2018 Awards Celebration and Reception   | 03/14/2018<br>6:00 - 08:00  | Ballroom<br>Pre-Function | SATELLITE Networking Opportunities |  |
| Rise N' Shine Continental Breakfast   | 03/15/2018<br>8:00 - 08:30  | 202 Foyer                | SATELLITE Networking Opportunities |  |
| Accelerating Innovation for the New Space Economy                                       | 03/15/2018<br>8:30 - 09:00  | 202                      | Power Sessions                     | Howard Lance; CEO; Maxar Technologies  |
| Space Sustainability  | 03/15/2018<br>9:00 - 10:00  | 202                      | Power Sessions                     | Donna Bethea-Murphy; Senior Vice President, Global Regulatory; Inmarsat Global, Ltd.   Jennifer Manner; Senior Vice President of Regulatory Affairs; EchoStar Corporation   Jennifer Warren; Vice President, Tech Policy & Regulation, Government Affairs; Lockheed Martin   Simonetta Di Pippo; Director; United Nations   Kenneth Hodgkins; Director of Space and Advanced Technology; U.S. Department of State                |
| NASA's Optical Communications Program for 2018 and Beyond                               | 03/15/2018<br>10:00 - 10:30 | 207A                     | Civil Space Forum                  | Donald Cornwell; Director, Advanced Communications and Navigation Division, SCaN Program; NASA Headquarters  |

|  |                             |           |                                    |  |
|--|-----------------------------|-----------|------------------------------------|--|
| Advances in Earth Imagery and Data Capturing Technology                                    | 03/15/2018<br>10:00 - 11:00 | 201       | Imagery & Sensing Forum            | Guy Perez; CTO; OHB SYSTEM   Dr. Kumar Navulur; Senior Director, Business Development; DigitalGlobe   Whitney Lohmeyer; Systems Engineer; OneWeb   Alex Chernushin; Director of Commercial Operations; Ball Aerospace  |
| IoT on the Road: Connected Consumer Vehicles, OTT, and the Self-Driving Car                | 03/15/2018<br>10:00 - 11:00 | 202       | Mobile Connectivity Forum          | Tom Freeman; Senior Vice President, Land Mobile; KYMETA CORPORATION   Roger Lanctot; Associate Director, Global Automotive Practice; Strategy Analytics Ltd.   Jada Tapley; VP - Advanced Engineering; Aptiv   Greg Ewert; President, Connected Car & Intelligent Transport Systems; Globalstar   Andrew Faiola; Director, Mobility Solutions, Europe, Middle East, Africa & Asia-Pacific; Intelsat  |
| The New Face of U.S. Export Controls on Satellites and Spacecraft                          | 03/15/2018<br>10:00 - 11:00 | 207B      | Launching & Manufacturing Forum    | Tony Dearth; Acting Managing Director; State Department Office of Defense Trade Controls   Dennis Krepp; Director, Sensors & Aerospace Division, Office of National Security and Technology Transfer Controls; U.S. Department of Commerce   John Ordway; Partner; Berliner Corcoran & Rowe LLP   Fred Shaheen; Chief Counsel, Global Trade Controls; The Boeing Company   John R. Shane; Partner; Wiley Rein LLP   Dennis Burnett; Advisory Board Chairman Space, Cyber and Telecommunications Law Program; University of Nebraska College of Law |
| How to Make Your Satellite Serviceable   | 03/15/2018<br>10:30 - 11:00 | 207A      |                                    | Benjamin Reed; Deputy Division Director; NASA's Satellite Servicing Projects Division  |
| How to Make Your Satellite Serviceable   | 03/15/2018<br>10:30 - 11:00 | 207A      | Civil Space Forum                  | Bo Naasz; Systems Engineering Manager; NASA's Satellite Servicing Projects Division  |
| Morning Refreshment Break  | 03/15/2018<br>11:00 - 11:15 | 202 Foyer | SATELLITE Networking Opportunities |  |
| Imagery and Sensing for Industry: The Incredible, Insatiable Demand for Environmental Data | 03/15/2018<br>11:15 - 12:15 | 201       | Imagery & Sensing Forum            | Anthony Baker; CEO; Global Satellite Vu   John Serafini; CEO and Board Member; HawkEye 360   Jeffrey Hill; Chairman; SATELLITE 2018   Massimo Comparini; CEO; e-GEOS   Janet Nickloy; Vice   |

Environmental Data

President of Strategic Initiatives, Space & Intelligence Systems; Harris Corporation

|   |                                     |             |                                  |  |
|---|-------------------------------------|-------------|----------------------------------|--|
| <p>Machine Learning to Solve Satellite Interference and Manage Future Networks</p>    | <p>03/15/2018<br/>11:15 - 12:15</p> | <p>202</p>  | <p>Mobile Connectivity Forum</p> | <p>Martin Coleman; Executive Director; The Satellite Interference Reduction Group (IRG)   Jeffrey Freedman; CTO; Kythera Software   Bob Potter; VP Signals and Ground Systems Technology; Kratos Defence and Security Solutions   Kambiz Aghili; Chief Executive Officer; BLUE SKY NETWORK   Erwin Greilinger; Product Line and Sales Manager, Atos; Siemens Convergence Creators   Pedro Ruiz; Director of Customer Success; Integrasys, S.A.</p> |
| <p>International Cooperation for Space Situational Awareness</p>                      | <p>03/15/2018<br/>11:15 - 12:15</p> | <p>207A</p> | <p>Civil Space Forum</p>         | <p>David Ball; Deputy CEO; Space Environment Research Centre   Mark Dickinson; VP Satellite Operations, Inmarsat &amp; Chairman; Space Data Association   Mr. Christopher Stott; Chairman &amp; CEO; ManSat LLC   Frank Rose; Chief of Government Affairs; The Aerospace Corporation   Victoria Samson; Washington Office Director; Secure World Foundation</p>  |
| <p>Closing General Session - Are Satellite and Terrestrial Industries Converging?</p> | <p>03/15/2018<br/>1:00 - 02:15</p>  | <p>202</p>  | <p>General Sessions</p>          | <p>Patompob (Nile) Suwansiri; Chief Commercial Officer; Thaicom Public Company Limited   Kevin Steen; President and CEO; iDirect   Tim Farrar; President; TMF Associates   Susan Bull; Senior Consultant; COMSYS LLP   Jefferson Wang; Managing Director in Communications, Media, and Technology; Accenture Strategy   Kalpak Gude; President; Dynamic Spectrum Alliance   Ethan Lavan; Director of In-Orbit Resources; Eutelsat</p>              |