



# SIG Workshop 2023

## Thursday 16th March

Intelsat, 7900 Tysons One Place McLean, VA 22102



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| 14:00 | Welcome and introduction,<br><i>Helen Weedon, Managing Director, Satcoms Innovation Group</i>  |
| 14:10 | The Latest Trends Impacting Satcoms,<br><i>Carmel Ortiz, Intelsat</i>  |
| 14:30 | Panel: Multi-orbit, virtualisation, and the re-tooling of operator teams to tackle current and future challenges<br><i>Moderator: Carmel Ortiz, Intelsat,</i><br><i>Panel: Lance Hassan, Intelsat, Knut Tjonneland, Intelsat, Paul Isaac, Kratos</i> |
| 15:50 | Break  |
| 16:20 | Interference Cancellation,<br><i>Alvaro Sanchez, Integrasys</i>  |
| 16:40 | Research Project on the IOV of 5G systems,<br><i>Miguel Angel, CTTC</i>  |
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| 17:00 | Awards   |

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| 9:00  | Welcome and Introduction,<br><i>Helen Weedon, Managing Director, Satcoms Innovation Group</i>   |
| 9:10  | The responsibility of the remaining few RF Engineers in our industry,<br><i>Andreas Voigt, Eutelsat</i>   |
| 9:40  | Interference case study – Radar interference coordination between INTELSAT, SES, TELESAT and EUTELSAT,<br><i>Gerardo Corona Diaz, Eutelsat</i>  |
| 10:00 | Panel: What is the state of interference now?<br><i>Andreas Voigt, Eutelsat, Justin Miles, SES, Angela Wheeler, Intelsat</i>  |
| 10:40 | Break   |
| 11:00 | Role of AI for Satcoms,<br><i>Valentin Eder, Space Analyses</i>   |
| 11:20 | Panel: Future of Multi-Orbit Ground Segment,<br><i>Moderator: Justin Miles, SES</i><br><i>Dasha Tyshlek, Micro-Ant, Steve Richeson, Mission Microwave, Susan Saadat, ETL, Craig Somach, Vialite</i> |
| 12:15 | Lunch   |
| 13:15 | Using AI to predict weather-related outages for the design and operation of High Throughput Satellite (HTS) networks,<br><i>Charilaos Kourogorgas, Atheras Analytics</i>                            |
| 13:35 | Panel: Flat Panel Antennas: understanding the challenge and call for action<br><i>Andreas Voigt, Eutelsat, Angela Wheeler, Intelsat, James/ Charlie, MicroAnt</i>                                   |
| 14:15 | Testing Flat Panel Antennas,<br><i>Joakim Espeland, QuadSAT</i>   |
| 14:40 | Results and Root Causes: a Case Study in Segmented Reflector Designs,<br><i>James Messink, Micro-Ant</i>  |
| 15:00 | Incident management revisited - step by step,<br><i>Andreas Voigt, Eutelsat</i>   |
| 15:30 | Break   |
| 16:00 | Working Groups Discussion – Where Next?<br><i>SIG Board</i>   |
| 16:30 | Wrap Up and Close   |