



SIG Workshop 2022

Tuesday 18th October



9:00	Welcome and Introduction <i>Helen Weedon, Managing Director, Satcoms Innovation Group</i>
9:10	SES Keynote Address: Building high performance next-generation networks through innovation and partnerships - Critical role of the multi-orbit satellite services <i>Ruy Pinto, SES</i>
9:30	5G interference: Is it a problem? <i>Christian Wahweiler, SES and Andreas Voigt, Eutelsat</i>
10:00	Radar Interference Case Study <i>Andreas Voigt, Eutelsat, Justin Miles, SES, and Erik Otto Evenstad, Telenor</i>
10:20	EAGLE-1 – first European Quantum key Distribution Satellite from Space to Ground <i>Alex Wodarczyk, SES</i>
10:50	Break
11:20	Breakout sessions: <ul style="list-style-type: none">o FPAo 5Go Interferenceo Cloud
12:30	Lunch
13:30	SES TOUR
14:30	LEO monitoring <i>Marke Clinger, Kratos</i>
15:00	Interoperability of multi orbit <i>Paul M. Mattear, Amazon Web Services</i>
15:30	Break
16:00	LEO / GEO Interference – discussion – is it actually a problem?
16:30 (Remote)	Enabling 5G mobile over Satcom using Azure Cloud Edge <i>Ashesh Mishra, SES</i>
16:50	Wrap up.
18:30	Dinner at LÉGÈRE HOTEL Luxembourg, 11, rue Gabriel Lippmann, L-5365 Munsbach

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9:00	Welcome and Introduction <i>Helen Weedon, Managing Director, Satcoms Innovation Group</i>
9:10	Digital IF Interoperability Consortium and cloud considerations <i>Paul Isaac, Kratos</i>
9:40	Breakout sessions: <ul style="list-style-type: none"> o FPA o 5G o Interference o Cloud
10:50	Break
11:20	AI Interference Research <i>Joan Bas, CTTC</i>
11:50	AI for Interference Prediction <i>Andreas Voigt, Eutelsat</i>
12:10	IAPre – new security framework for US government contracts <i>Christian Wahweiler, SES</i>
12:30	Lunch
13:30	Solving Flat Panel Antenna Approvals <i>Anja Ellerbrock, Angela Wheeler, and Mark Steel, SOMAP</i>
14:00	Flat Panel Antennas a key player in the tomorrow's SatCom on the move <i>Sergio Encabo, Integrasys</i>
14:20	The challenges of testing TLE and steerable antennas <i>Cosme Culotta-López, QuadSAT</i>
14:30	Overview on actual developments in Space Situational Awareness <i>Valentin Eder, Space Analyses GmbH</i>
14:50	Sum up and review
15:00	Valentin Eder, Space Analyses GmbH