

# Fraunhofer Institute & German Aerospace Center To Brief German SSA Updates at Military Space Situational Awareness 2020

*The Fraunhofer Institute and German Aerospace Center (DLR) will be providing perspectives of German SSA, including programme updates on TIRA and GESTRA*

LONDON, UNITED KINGDOM, June 22, 2020 /EINPresswire.com/ -- The Fraunhofer Institute is currently operating the Tracking and Imaging Radar (TIRA) and developing the German Experimental Space Surveillance and Tracking Radar (GESTRA), both of which are essential parts of German military and civil SSA programmes.

TIRA provides data about not only highly precise orbital elements of a space object but also its size, shape, orientation and attitude motion through high-resolution imaging, which makes it suitable for military reconnaissance applications.

GESTRA is currently the most important development project of a new German SSA sensor, commissioned by the DLR Space Administration. GESTRA is a phased array or electronic scanning radar system for continuous and wide-space detection, tracking and measurement, and will have the capability to generate an independent catalogue of space objects and debris in the near-Earth environment.

With this in mind, SMi Group are pleased to announce that both the Fraunhofer Institute and the DLR will be presenting at this year's [Military Space Situational Awareness conference](#) to provide German SSA perspectives and updates:



Military Space Situational Awareness - September 2020

"Fraunhofer FHR's Contribution to German SSA" - Presented by Mr Youngkyu Kim, Spokesman of the Business Unit Space, Fraunhofer Institute

"SMARTnet™: Telescopes in Support of Domain Awareness" - Presented by Mr Hauke Fiedler, Team Leader Space Situational Awareness, German Aerospace Center (DLR)

Mr Kim and Mr Fiedler will be joined by representatives from 7 other nations - the UK, the US, Canada, Austria, Italy, the Netherlands and South Africa - to provide a comprehensive, overview of military space situational awareness with international perspectives.

The full agenda and speaker line-up is available to view online at <http://www.military-space.com/PR11>

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Military Space Situational Awareness 2020

3-4 September 2020, London, UK

Gold Sponsor: ExoAnalytic Solutions

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For sponsorship and exhibition queries, contact Sadia Malick at [smalick@smi-online.co.uk](mailto:smalick@smi-online.co.uk) or call +44 (0) 20 7827 6748.

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