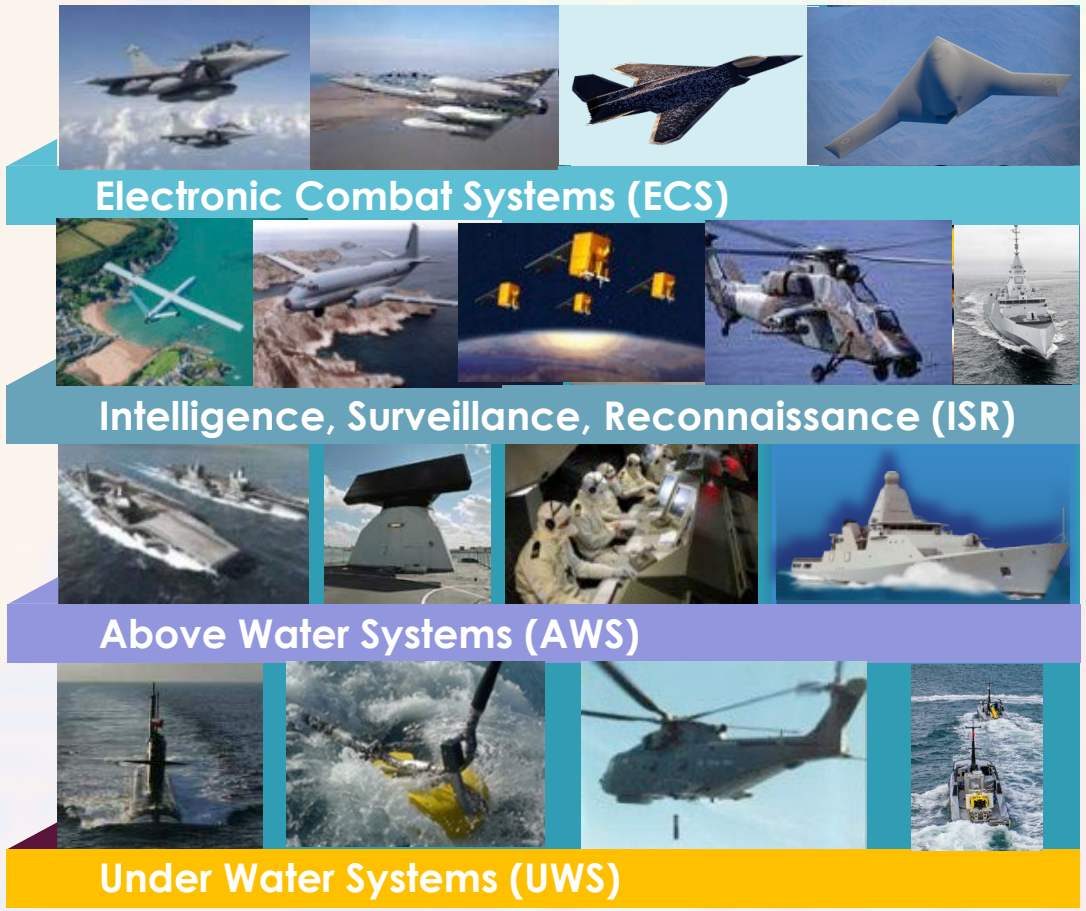
Defence, Security & Space and FORUM, PARIS 2024

System development and instrumentation

- AIR DEFENCE: THALES DEFENCE MISSION SYSTEMS

SPEAKER : **Daniel CABAN-CHASTAS**



THALES

Building a future we can all trust

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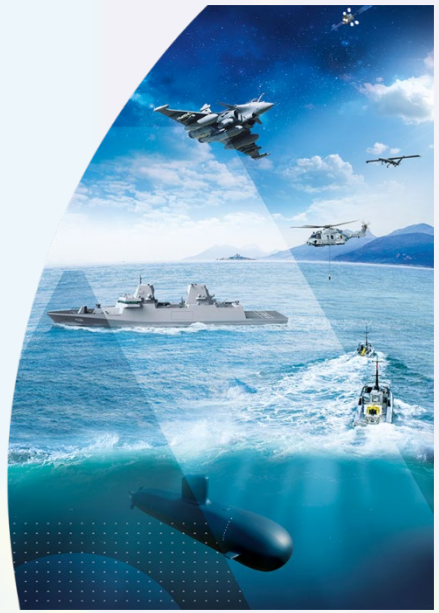

Biography:

Daniel CABAN-CHASTAS joined Thales in 2001, after graduated in electronics and microwave systems. He started as a microwave engineer working on high frequency packaging design and test. After few years on advanced packaging design, he contributed to the development of the microwave key components for Thales Airborne Systems business segments and participated to the definition of T/R-modules for the RBE2. He became in 2014 architect on AESA hardware development for airborne's radar and multifunction antennas. Since 2020, he is senior technical manager for components and T/R modules for radar's AESA in the Hardware Competence Center from Thales DMS.

Talk title:

Management of the drivers for airborne AESAs future integration

Abstract:

In a uncertain world environment, those who protects us rely on Thales to develop and deliver more successful systems and bringing decisive advantages. In this context, stressed by tensions on energy ressources, our ability to integrate the electronic systems allow to minimize the impact (costs-energies) of the use of the materials. This integration also allows to add new features or other equipment.

This generates more complexity, which need to manage the design and development of key components, packaging technologies and interconnection, but also tools and methodologies of multi-domain or multi-physics modelling.