



# SWE-UK Collaboration – Saab's experiences

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# University collaboration

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- Partnerships with KTH, LiU, CTH, SEDU, Lund University, NTU, Alto University, Purdue University, Imperial College and Cranfield University
- ~10 Adjunct professors and a number of affiliated faculty at Swedish universities
- ~40 industrial PhD students

**li.u** LINKÖPINGS  
UNIVERSITET



**LUND**  
UNIVERSITY



# Previous experiences

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- Previous collaborations with Imperial College, Cranfield University in various types European Collaboration programs such as EU FW programmes, GARTEUR and EDA (Euclid)
  - Aerodynamics and flight mechanics
  - Structural analysis and multidisciplinary optimization
  - Composite technology
  - Materials
  - Modelling and simulation
  - ...

# On-going activities

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- Bilateral collaboration as a part of Saab UK innovation Hub
  - Imperial College: Radar technology
  - University of Bristol: Composites with embedded sensors

# Saab Innovation Hub

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- Saab UK Innovation Hub is based at Imperial College and was established in June 2019
- Saab has invested in a UK-wide network of research and development projects which is expected to grow over the coming years, demonstrating Saab's continued commitment to the UK
- The Hub is the focal point for managing these investments
- Saab UK Innovation Hub's research at Imperial College will initially focus on radar technology, with electronic warfare and cybersecurity as future areas of interest

# Areas of interest

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- Aeronautical engineering
- Composites
- Integrated Vehicle Health Monitoring (IVHM)
- Radar technology
- Electronic Warfare (EW)
- Cyber security

# Opportunities

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- NATO STO projects
- GARTUR projects
- Bilateral collaboration