

Graphene reinforced thermoplastic composites for aeronautical applications

PhD student: Thirza Poot

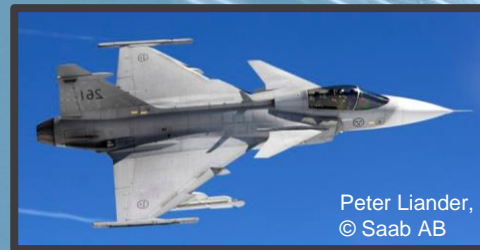
Duration: 2019 -

Funding: Vinnova – SIO Grafen, LIGHTer - COSINGS

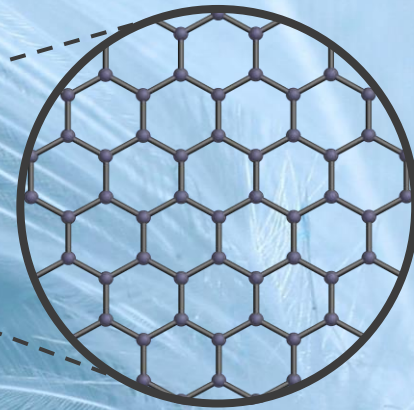
Advisors: Kajsa Uvdal & Linnéa Selegård

Research Scope:

- Development of graphene reinforced thermoplastic composites with good thermal and electrical conductivity
- Determination of the interactions between graphene and thermoplastics
- Development of strain sensors based on graphene reinforced thermoplastics for structural health monitoring



Peter Liander,
© Saab AB



SAAB



SEATWIRL®
CHALMERS
UNIVERSITY OF TECHNOLOGY

li.u LINKÖPING
UNIVERSITY

Department of Physics, Chemistry and Biology
Division of Molecular Surface Physics and Nanoscience

LIGHTer