

## **Wideband metamaterial absorber: from concept to naval applications**

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### **Abstract**

This presentation focuses on the results obtained during the two projects SAFAS and SAFASNAV, which highlight the evolution from the concept of broadband absorber with metamaterials to a realization of this concept in structural material for naval application. The French Ministry of Defense (DGA), through the National Research Agency (ANR) and the Astrid and Astrid Maturation programs, funded the research that led to these results. The simulation results were obtained using GENCI's HPC resources (Grant c2016107558).