



SUBRAMANIAN
Arun


Year (thesis): 2019-2022

Lab: PPrime, Thermal



Team: COST

Thesis supervisors:

 Eva DORIGNAC

 Gildas LALIZEL

➤ **My education background prior to the thesis:**

-  Bachelors in Aeronautical engineering (Madras Institute of Technology, Chennai)
-  Masters in Aeronautical mechanics and energetics (ENSMA)

➤ **My Thesis subject:**

Film cooling of gas turbine engines and development of a new thermography method using phosphors.

- The subject was conceived together with my co-supervisor - Gildas LALIZEL. I enrolled in the PhD programme at ISAE-ENSMA and chose to do a thesis, as I wanted to **gain individual research capability, test myself and push the patience limits.**
- This brought me an **incredible experience** in **managing a project** for three years, **communication skills, out-of-the box thinking.** The most important aspect of the PhD is not the topic itself but **learning the research process.**
- My oral defense was on April 24, 2022 and I am currently working as an **aerodynamics engineer** at [PLANA](#), a South-Korean company working on a hybrid electric aircraft. The **experience** I gained from the PhD is of **immense use** as I am working in a completely new subject, but I can manage it well as **the process of research is the same irrespective of the domain.**



École doctorale
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