



RÉPUBLIQUE
FRANÇAISE

*Liberté
Égalité
Fraternité*

TELECOM
SudParis



IP PARIS

s@movar

Author : Henrique DE MEDEIROS

Title: «Energy-Efficient Self-Adaptation applied to Cloud Applications»

Short Abstract:

Energy consumption in data centers has increased significantly due to digitalization and the expansion of cloud technologies.

Cloud providers are responsible for allocating the resources required to run applications. My PhD research focuses on developing tools that enable developers to dynamically reduce application energy consumption autonomously, without(or minimal) human intervention, and without relying on cloud providers.