"Will more electric aircraft become all electric?" (e-Power talks)

On Monday, June 17, Safran kicked off the first in its series of e-Power talks during the Paris Air Show with the topic “Will more electric aircraft become all electric?” Presented by Régine Sutra-Orus, Head of Electric and Electronic Systems, Safran Tech, the 10-minute conference featured a live presentation followed by a Q&A session.

Régine Sutra-Orus introduced the topic by highlighting the difference between propulsive and non-propulsive electrification. Attendees were given an overview of the areas where Safran is making progress in terms of electrification, including gas turbines, motors, hybridization, power distribution, energy management, and fuel cells. A key example provided was Safran’ turbogenerator, which is on display at the Safran stand and at the Paris Air Lab.

Additionally, Régine Sutra-Orus gave examples of electrification projects that have been carried out involving the Airbus A380 and Boeing’s 787 Dreamliner. She concluded by addressing some of key the challenges of aircraft electrification, next steps, and a timeline for achieving all-electric aircraft. Stay tuned for tomorrow’s presentation on the topic “New mobilities, new architectures.”

Learn more:
- Practical info about Safran at the Paris Air Show

Innovation

The future of aviation is electric