

PRESS RELEASE

Creation of the Dassault Aviation – ISAE-SUPAERO – ISAE-SUPAERO Foundation Chair

Saint-Cloud, France, 13/01/2016 – Eric Trappier, CEO of Dassault Aviation, Olivier Zarrouati, President of the ISAE-SUPAERO Foundation, and Olivier Lesbre, Managing Director of ISAE-SUPAERO, today signed a five-year patronage agreement concerning the creation of a teaching and research chair on the topic of “architecture of man-in-the-loop air systems”. This chair is placed under the responsibility of Mickaël Causse.

With a focus on neuro-ergonomics, highly independent systems and systems engineering, it will exploit the synergy between the various research laboratories at ISAE-SUPAERO.

Backed by its expertise in two particularly demanding segments, that is combat aviation and business aviation, Dassault Aviation thus confirms its involvement in the development of air systems architectures and the optimization of interaction between Man and complex systems.

The research and training work will be driven by the following challenges:

- Architecture rules focusing on the performance of human-system interaction, compliance with the appropriate level of safety and complexity management.
- Methods for controlling the dynamic aspects of the system, in particular in terms of human interaction.
- Building and perpetuating air system architect skills.

This chair will encourage international level publications, by inviting researchers from abroad and by funding post-doctorate allocations and doctoral thesis grants. Its activities will also involve the organization of and support for seminars, workshops and international conferences, thus facilitating interaction and communication between the stakeholders and widespread dissemination of the results.

The Chair's training of PhD students will encourage the emergence of new skills, in the fields of research and R&D linked to man-in-the-loop air systems architectures with a high-level of decision-making independence.

With a view to enhancing international outreach and in association with its academic partners, the teaching activities will be incorporated into the programs of ISAE-SUPAERO. This will be an opportunity to develop the systemic, cross-cutting approach, which is one of the hallmarks of the school's teaching policy.

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About Dassault Aviation

With more than 8,000 military and civil aircraft delivered to more than 90 countries over the past 60 years, and having logged nearly 28 million flight hours to date, Dassault Aviation can offer recognized know-how and experience in the design, development, sale and support of all types of aircraft, from the Rafale fighter to the Falcon range of high-end business jets, as well as military unmanned air systems. In 2014, Dassault Aviation reported revenues of €3.68 billion. The company has almost 11,700 employees.

www.dassault-aviation.com

Twitter: @Dassault_OnAir

About ISAE-SUPAERO

ISAE-SUPAERO is part of the ISAE group, which is an umbrella organization for the aeronautical and space engineering schools. It comprises three other schools: ENSMA in Poitiers, ESTACA at Paris-Saclay and the Ecole de l'Air in Salon-de-Provence.

As world leader in higher education and research in the aerospace field, ISAE-SUPAERO offers a complete and unique range of very high-level training courses: SUPAERO engineer and CNAM-ISAE apprenticeship training, 5 research Masters, 15 Specialized Masters, 3 Masters of Science, 6 PhD schools.

ISAE-SUPAERO is developing a research policy weighted towards the future needs of the aerospace or high-tech industries.

This proximity with the industrial world is also characterized by the development of a policy of teaching and research Chairs in strategic areas and by participation in the teaching given by a large number of professionals who present the students with the latest technological innovations and industrial best practices. At an international level, ISAE-SUPAERO cooperates with the leading universities in Europe (Cranfield, TU Delft, KTH Stockholm, ETSIA Madrid, TU Munich, Pisa) and North America (MIT, Caltech, Stanford, Berkeley, etc.).

In 2015, ISAE-SUPAERO comprised 95 teachers and researchers, 1,800 part-time lecturers from the professional world, 1,600 students undergoing initial training, 28% of them from abroad, and is able to draw on a network of more than 17,000 graduate alumni.

www.isae-supaero.fr

About the ISAE-SUPAERO Foundation

The ISAE-SUPAERO Foundation was recognized as being in the public interest in 2008. Its aim is to contribute to the national and international standing of ISAE-SUPAERO, with a focus on research, teaching, entrepreneurship and social outreach.

The Foundation works in close collaboration with ISAE-SUPAERO and assists it with its duties in favor of the students, lecturer-researchers and research. Its actions are built around five objectives: to promote the development and expansion of aerospace research, to consolidate the teaching tools proposed, to develop the entrepreneurial skills of the students, to support the international mobility of the lecturer-researchers and students, and to encourage the social outreach policy of ISAE-SUPAERO.

www.fondation-isae-supaero.org

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