



## ECALAS 20TH INTERNATIONAL AEROSPACE SEMINAR

19th – 20th of October 2017 - PARIS FRANCE

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19TH – 20TH OF OCTOBER 2017

Purpose of the ECALAS International Aerospace Seminar in general:

Since the start of the first ECATA Course in 1992 all participants are joining the ECATA. ALumni ASsociation called ECALAS. In the meantime the association can count more than 400 members and is continuously growing.

To foster the idea of a living and information exchanging network, ECALAS and its members decided starting 1996 to have at least 1 event per year to meet, discuss and learn from each other as well as from high level speakers being invited, coming mainly from Aerospace Industry and University.

Short summary of the 20<sup>th</sup> ECALAS International Aerospace Seminar

**“Wing of change”:**

**Ruptures in market demand, technologies, regulations, international relationships.**



**Topic 2017**

**Wing of  
change**



## Background

The 2016 seminar has shown that under market pressure, aerospace companies are innovating concurrently in as many domains as they can. Such a large number of innovations developing at the same time is a breeding ground for rupture in the aerospace business.

The innovative solutions answering to new market demands or regulatory evolutions (e.g. reduced fuel consumption, acquisition price, maintenance costs, noise, emission, maintainability, noise, emissions, recyclability, REACH, obsolescence speed of components) or the experience of recent European projects (e.g. ETAP, Clean Sky, FCAS) lead the companies to adapt their strategy and traditional business model, such as moving to sell contracts by hour or services.

The resulting technological moves and foreseeable ruptures (at Aircraft, equipment, engine, MRO levels, 'non-traditional completion' ...) imply challenging decisions:

- More generic products vs more segmented market?
- Increase investments vs financing risks?

The aerospace industry is also facing new organizational and geopolitical challenges:

- More consolidations, suppliers in charge of full systems, verticalism (Falcon X ...).
- Hustle of multinational tech companies: external actors such as Amazon and Google are making headways in markets traditionally occupied by specialized aerospace companies and in some cases are breaking down barriers (i.e. Amazon and their UAV deliveries are challenging the 'line of sight' rules). Google is investing in high altitude vehicles to deliver internet access globally. Whilst these may appear to be novel / specific applications now, what does the future hold, what can we learn from the approaches taken by these companies and how does the industry respond?
- International relationships: Trumps' impact on US posture? New entrants in the industry (China, Russia, ...)

At the same time, massive "Transverse" new technologies now become available: virtual reality, massive simulation, large systems simulation, Big Data solutions, ... New modes of management and working methods are emerging: agility, increased turnover, lower experience of engineers, millennials spirit, massive use of networks...

## The Seminar ....

... will provide a platform for an exchange of views on these topics including lectures exploring the leadership and entrepreneurship aspects. There will be room for discussions in the light of individual experiences with a view to use the ECALAS network to influence debate on ruptures in our industry.

### **Further information**

#### **Accommodation:**

One accommodation is proposed in le Campus SAFRAN. **Reservations** should be made **by phone or email** as per below.

#### **Le Campus Safran**

**Address : 32, rue de Vilgénis 91 300 Massy**

**Phone : +33 (0) 1 64 54 60 00**

**ECALAS rate : 132 € (including breakfast and VAT)**

**Link to webpage : [lecampussafran@safrangroup.com](mailto:lecampussafran@safrangroup.com)**

**Safran Campus has pre-booked 50 rooms (single only)**

**Please ensure your bookings individually.**

**Booking form for le Campus safran  
in page 9.**

**Hôtel 2: NOVOTEL – 18-20 rue Émile BAUDOT, 91120 Palaiseau - France**

[www.novotel.com/Hôtel/Palaiseau](http://www.novotel.com/Hôtel/Palaiseau)

**ECALAS rate (Precise Safran rate at the reservation) : 143 € (including breakfast and VAT)**

**Hôtel 3: MERCURE – 21 rue Carnot, 91 886 Massy – France**

[www.mercure.com/Hôtel/Massy](http://www.mercure.com/Hôtel/Massy)

**ECALAS rate (Precise Safran rate at the reservation): 146.5 € (including breakfast and VAT)**

**Conference location:**

**Day 1 and Day 2: Safran University**  
32, rue de Vilgénis 91 300 Massy

**Bus transportation for visits**

**Visits:**

**2 visits are scheduled in Day 1 afternoon:**

- Safran plant in Villaroche
- Safran museum (same location)

**A bus transportation is scheduled to transport from Villegenis to Villaroche**

**Dinner will be held at Le Campus Safran**

32, rue de Vilgénis 91 300 Massy

**Registration:**

Attendance to the seminar is free of charge.

**Registration form in page 7.**

**Registration is awaited at the latest for the 9<sup>th</sup> of October 2017**

**Please, send the registration form to: [ecalas.comms@gmail.com](mailto:ecalas.comms@gmail.com)**  
(please note to book your room in 'Le Campus Safran' or any other hotel separately)

**NOTE: Since session 2017, Companies have agreed (ECATA Supervisory Board) to include in their session cost, the seminar participation for delegates of the year. Please contact your HR.**

## Seminar Agenda Day 1, 19<sup>th</sup> October 2016

Time	Topic	Speaker	Remark
8:30	<b>Arrival at Safran University. Welcome coffee.</b>		
9:00	<b>General assembly</b> <ul style="list-style-type: none"> <li>• 2015-2016 activities</li> <li>• Finance report</li> <li>• Election of President</li> <li>• Ecalas Data base to be updated</li> <li>• ECALAS fees</li> </ul>	ECALAS Board	Exchange on the next year action plan and Ecalas strategy.
12:15	Finger lunch		
13:15	<b>Welcome by Safran</b>	P. BOULAN	Head of Safran University
13:25	<b>Seminar opening and introduction</b>	A. DEBLOIS	ECALAS President
13:30	<b>Big Data - short term improvement</b>	P. NAIM	SAFRAN Analytics
15:00	Bus transportation to Safran facilities Villaroche	A. SORIN	Ecalas – Safran E&D
16:00	<b>Safran Villaroche facilities visit</b>	M. ATTALI	Ecalas – Safran AE
17:30	Break		
17:45	<b>Safran Museum visit</b>	M. ATTALI	Ecalas – Safran AE
19:30	Bus transportation to Safran university Vilgénis	A. SORIN	Ecalas – Safran AE
20:30	<b>Dinner in Le Campus Safran (Vigénis)</b>		
22:30	Slot open (social event TBD <i>ideas are welcome</i> )		

Agenda may be subject to change

## Seminar Agenda Day 2, 20<sup>th</sup> October 2016

Time	Topic	Speaker	Remark
8:00	<b>Suppliers roles in the future Supply Chain</b>	J. BERKOUKCHI	Safran Electronics and Defence
9:00	<b>Future Aircraft propulsion</b>	J. BONINI	Safran
10:00	Break		
10:30	<b>Big Data strategy in business and military jets</b>	F. LEBEAU	Dassault Aviation
11:30	<b>Strategy prospective of aerospace &amp; defense</b>	R. BOOSON	Airbus (Pending)
12:30	Finger Lunch		
13:30	<i>Conference</i>	<i>TBD</i>	<i>BAES</i>
14:30	<b><i>High potential or IS (space imagery and virtual reality)</i></b>	<i>L. DE LA SAYETTE</i>	<i>Dassault Aviation  Airbus</i>
15:30	TBD		<i>Potential slot</i>
16:00 17:00	<b>Closing Statements</b>	ECALAS Board	

Agenda may be subject to change



## 20<sup>th</sup> ECALAS International Seminar – PARIS 19<sup>th</sup> and 20<sup>th</sup> October 2017

### *Registration Form*

Please fill below the information requested / answer yes or no			
<b>First and last name</b>		<b>Arrival and departure Time &amp; Date</b>	
<b>Nationality</b>		<b>ECALAS General Assembly (members only)</b>	
<b>Passport number Birth date</b>		<b>Seminar 1<sup>st</sup> day</b>	
<b>Company</b>		<b>Safran facilities and museum visit 1<sup>st</sup> day</b>	
<b>Email</b>		<b>ECALAS Dinner unaccompanied</b>	
<b>Phone/fax</b>		<b>ECALAS Dinner accompanied *</b>	
<b>Date</b>		<b>Seminar 2<sup>nd</sup> day</b>	
<b>Signature</b>		<b>Arrival and departure Time &amp; Date</b>	
<b>Comments (If any)</b>			

\* May subject to participation





# ECALAS: ECATA Alumni Association

6 rue de Toul – F 31 000 TOULOUSE

President: Alex DEBLOIS ([alex.deblois@dassault-aviation.com](mailto:alex.deblois@dassault-aviation.com))

Communication Director: Gian Luca POMERO ([GianLuca.Pomero@eurofighter.com](mailto:GianLuca.Pomero@eurofighter.com))

Finance Director: Stephen THOME: ([stephan.thome@airbus.com](mailto:stephan.thome@airbus.com))

## ECALAS 2017 General Assembly

Paris 19<sup>th</sup> & 20<sup>th</sup> of October 2017

Hosted by Safran Aircraft Engines



### Voting Form for the General Assembly (Proxy Vote)

*If you cannot attend the General Assembly you can give your vote to another ECALAS member who will join.*

**Name:**

*I give my vote to*

**Name:**

**ECATA session:**

**ECATA session:**

**Date :**

**Signature :**

**Maximum 5 proxy vote per attendee**

## Formulaire de réservation - *Booking Form* *SEMINAIRE ECATA*

Merci de bien vouloir nous faire parvenir ce formulaire à l'adresse [lecampussafran@safrangroup.com](mailto:lecampussafran@safrangroup.com)  
Please kindly fill in this form and return it to [lecampussafran@safrangroup.com](mailto:lecampussafran@safrangroup.com)

Informations personnelles – Personal information	
Nom <i>Last name</i>	
Prénom <i>First Name</i>	
Société <i>Company</i>	
E-mail	
Téléphone	
Motif du séjour <i>Purpose of your stay</i>	

Hébergement – Accomodation	
Date d'arrivée <i>Arrival date</i>	
Heure d'arrivée <i>Arrival time</i>	
	Votre chambre est disponible à partir de 15h00 du lundi au jeudi et à partir de 19h00 le dimanche. <i>Check-in from 3.00 pm from Monday to Thursday – from 7.00 pm on Sunday</i>
Date de départ <i>Departure date</i>	
	Votre chambre devra être libérée avant 10h00 <i>Check out time before 10.00 am</i>
Tarif chambre et petit déjeuner <i>Room Rate B&amp;B</i>	Lundi au jeudi : 132 € TTC Dimanche : 132 € TTC Monday to Thursday : 132 € Sunday : 132€

Conditions – Terms and conditions	
<b>Confirmation de réservation</b>	
Votre réservation ne sera effective qu'après confirmation par notre service de réservation. <i>Your booking will be confirmed by our reservation department.</i>	
<b>Règlement – Payment</b>	
Les prestations sont à régler sur place uniquement par carte de crédit Eurocard Mastercard et Visa. <i>Payment is required by credit card Eurocard Mastercard or Visa only</i>	
<b>Accès au site – Access</b>	
Le Campus Safran est un site Safran, le port d'un badge est obligatoire. Merci de vous munir de votre badge personnel Safran ou d'une pièce d'identité. <i>The Campus Safran is a Safran Facility. Badge must be wearred. Please make sure to bring your Safran badge or ID.</i>	
<input type="checkbox"/> J'accepte les Conditions Générales de Prestations / I accept terms and conditions	

Commentaires – Comments	
Validation – Approval	
Date	
Signature	