ECATS in association with FORUM-AE organise the

2nd ECATS Conference on
Making Aviation
Environmentally Sustainable
7-9 November 2016, Athens, Greece

Blending in a core session the
FORUM-AE Climate Change workshop

Following the pattern of the 1st ECATS Conference (Berlin 2013), this scientific conference will give the opportunity to present state-of-the-art research, review recent achievements and at the same time will provide a strategic perspective on future directions in environmentally stable aviation. The conference programme will present research in four key areas allowing in-depth discussions and poster presentations.

The Scientific Programme covers four key themes:

1. Alternative fuels for aviation
2. Climate impact and mitigation concepts
3. Green flights – Climate optimal flight trajectory
4. Interdependency and aviation environmental modelling

Contributions relating to above key themes are welcome. Detailed information on abstract submission and abstract guidelines are available on the ECATS web-site http://www.ecats-network.eu/events/2nd-ecats-conference.

During the conference, oral and poster presentations will be possible. A preference (oral/poster) can be given with submission of abstract. Extended abstracts of all presentations will be included in the conference proceedings, which will be available at the conference. After the event selected contributions will be invited to submit a paper for peer-review to a special issue of an international journal.

Important Dates

Abstract submission (300 words) Extended to: 10 June 2016
Notification of abstract acceptance: 20 June 2016
Early bird registration: 20 July 2016

© 2016 by ECATS IASBL, Brussels. All rights reserved.
**ECATS International Association**

**From Network to Association** In 2005 a network of more than 100 researchers in the domain of aviation and environment was established within the Network of Excellence ECATS (Environmental Compatible Air Transport System). In 2010, the International Association, ECATS IASBL was established in Brussels, Belgium with the objective of helping to make future aviation sustainable.

**Association Objectives** are to build up expertise, exploit multi-disciplinary platform, organise exchange of knowledge, and to foster the technical, strategic and political debate.

**Association Members** Research establishments and academia leading in the field of aviation and environment are members of ECATS IASBL. Association is open to new partners with proven expertise in the field of aviation and environment.

**ECATS International Association**
(c/o DLR) Rue du Trône 98, 1050 Brussels, Belgium
Chair: Dr. Simon Christie, MMU/CATE, UK
chair@ecats-network.eu

**FORUM on Aviation and Emissions (& Environment)**
The European project FORUM-AE is a technical and scientific forum addressing all the issues associated to the aviation environmental concerns linked to emissions: impacts, technical solutions and regulation. It supports the appropriate European research and innovation by giving it the necessary awareness and visibility. It was initiated in July 2013, and has supported various focused technical workshops and analyses. More information may be found on www.forum-ae.eu.

**Scientific Programme Committee**
- Alexis Alexiou, NTUA, GR
- Joanna Bauldreay, Shell, UK
- Simon Blakey, USFD, UK
- Paul Brok, NLR, NL
- Simon Christie, MMU/CATE, UK
- Dominique Collin, SNECMA, FR
- Volker Grewe, DLR, DE
- Didier Hauglustaine, IPSL Paris, FR
- Paul Madden, RR, UK
- Sigrun Matthes, DLR, DE
- Gerd Saueressig, Lufthansa, DE
- Xavier Vancassel, ONERA, FR
- Urs Ziegler, FOCA, CH

**Organising Committee**
- Simon Blakey, USFD, UK (chair)
- Kostas Mathioudakis, NTUA, GR
- Thrassos Panidis, UP, GR
- Nikos Zarzalis, KIT, DE (treasurer)

**Conference Organisation**

**Conference Session Structure** The event will be held in plenary sessions, to ensure the full exploitation of interdisciplinary networking and synergies between involved disciplines.

**Conference Location** The conference will be held in the Titania Hotel, in the heart of Athens, walking distance from Omonia Square. The hotel offers excellent meeting facilities in the heart of this European Capital. A block reservation has been arranged for participants.

**Networking Dinner** The conference dinner will be held in the Acropolis Museum, preceded by a guided tour in the Museum.

**Registration fees**

<table>
<thead>
<tr>
<th>Role</th>
<th>Before 20/7/16</th>
<th>After 20/7/16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delegates</td>
<td>390 €</td>
<td>440 €</td>
</tr>
<tr>
<td>ECATS/FORUM-AE members</td>
<td>290 €</td>
<td>340 €</td>
</tr>
<tr>
<td>Students</td>
<td>250 €</td>
<td>290 €</td>
</tr>
</tbody>
</table>

The registration fee covers access to conference, proceedings, lunches and coffee breaks, icebreaker (Mon 7 Nov 2016), and conference dinner (Tue 8 Nov 2016, Acropolis Museum Athens).