



aerodays2015

Aviation in Europe – Innovating for Growth

The 7th European Aeronautics Days



Aviation in Europe – Innovating for Growth

European Commission Flagship Event

 The Queen Elizabeth II
Conference Centre

20–23 October 2015
London



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Why you should be at Aerodays2015

Aerodays2015 is a European flagship event bringing together over 1000 attendees from the world of Aeronautics and Air Transport research. This event will provide a unique opportunity to share the results of collaborative research, showcase innovations, discuss policy and developments for work funded through the European Framework for Research and Innovation taking us forward to Horizon 2020 and beyond. This three day conference is a critical pathway to ensure that Europe remains competitive in these sectors.

- A forum for innovators and policy makers, including Government Ministers and European Commissioners
- Learn from over 200 speakers in technical sessions, with up to 25 high-level keynote speakers
- Share outputs from world-leading technology programmes
- Benefit from an overview on technological developments in aviation
- Increase your connections and interaction within the aviation sector via networking and social forums
- Unique 3 day event held only once every 4 years
- Acts as an incentive and motivator for your scientists and engineers
- Engage with European Commission funded projects being showcased

Five key themes for 2015:

Efficient and Seamless Mobility

Connectivity through transport directly supports wealth and prosperity, cohesion, international relations and stability. Aviation is a key component of that transport system, adding global to local value through both businesses (by supporting exports, inward investment, local employment) and the general public (e.g. to enable visits to friends and relatives and for leisure). Aviation technologies will ensure that the sector is an integral and seamless node of the future transport system.

Competitiveness of Industry

Innovation and technological leadership is the major competitive differentiator for European industry for the foreseeable future. With emerging players vying for market share in this high value sector, technologies that optimise energy use and environmental performance, and maximise efficiency, quality and reliability will be the key to success.

Greening of Aviation

The 1999 Intergovernmental Panel on climate change (IPCC) study found that if aircraft carbon emissions continue to rise they could contribute up to 15% of global warming from all human activities within 50 years. Towards 2050, the forecast growth in the aviation industry will need to drive the need to deliver revolutionary technology solutions at an increasing rate to fully mitigate this impact.

Safety and Security

Air capacity is set to grow both in number as well as types of users (E.G. unmanned systems). For aviation to maintain and improve on an already remarkable safety record, a total system approach to aviation safety will be needed. Security poses increasingly complex challenges for aviation in both the physical and cyber worlds. Future security systems will need to mitigate these challenges, while preserving passenger privacy and personal dignity, ensuring they do not cause interruption, disruption or delay. Aviation security will need to be an integral part of wider transport security that balances effectiveness, passenger experience and seamlessness.

Skills and Breakthroughs

Zero-carbon flight, autonomous air vehicles and smart materials that can adapt to flight conditions and even repair themselves have all been demonstrated. For these and future exciting breakthroughs to have an impact on the environmental performance, safety, efficiency, passenger experience and industrial competitiveness of European Aviation; a highly skilled workforce with access to state-of-the-art facilities will be needed.

Early bird rate!
on all bookings before Aug 14th



An aerial photograph of a city, likely London, showing a river, a large cathedral with a tall spire, and various buildings. The image is partially obscured by text on the right side.

3 day conference, over 200 speakers including up to 25 high level keynote speakers, 54 technical breakout sessions, over 1000 UK and international attendees, exhibition and social events

Confirmed speakers include....

- **Warren East** – Incoming Chief Executive Officer Rolls Royce
- **Tom Enders** – Chief Executive Officer of Airbus Group (at the networking dinner)
- **Carlos Moedas** – European Commissioner for Research, Science and Innovation
- **Peter Hartman** – Vice Chairman of Air France-KLM
- **Patrick Ky** – Executive Director of the European Aviation Safety Agency (EASA)
- **Tony Tyler** – Director General and Chief Executive Officer of the Air Transport Association (IATA)
- **Stephen Henwood** – Chairman of the UK Aerospace Technology Institute

Who will be there?

Government officials, Key decision makers from industry, Researchers, Engineers, Academics

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