

Background

The Council of European Aerospace Societies (CEAS) represents 12 European aerospace societies with in total about 35.000 members. The mission of CEAS is to promote the interest of its constituent societies on a European scale and European aerospace activities internationally through organizing knowledge transfer by technical workshops and symposia, publishing refereed journals and a quarterly bulletin (www.ceas.org). Since 2007 CEAS has organized biennial congresses in Berlin (2007), Manchester (2009), Venice (2011) and Linköping (2013).

CEAS 2015

The CEAS Air and Space Conference 2015 will be held from 07 to 11 September 2015 in Delft (The Netherlands).

CEAS 2015 will be a unique opportunity for aerospace industries, academia, organizations and associations to communicate, share and debate innovative concepts and technical solutions in the aerospace domain. CEAS 2015 will promote the establishment of knowledge and technical networks with the aim of increasing European competitiveness in the field of aerospace.

Participation from all major nations involved in aerospace across the world, a wide

Conference at a glance

- 7 – 10 September 2015: lectures in 4 parallel tracks and conference exhibit
- 7 September: welcome reception at Delft Botanical Gardens
- 10 September: conference dinner on paddle wheel boat in harbor of Rotterdam
- 11 September: technical tours to TUD Aerospace Faculty, NLR Amsterdam (ATC and Flight simulation), Fokker Papendrecht (A380 Glare production), ESTEC Noordwijk (Space testing Facilities)

Netherlands aerospace sector

The Netherlands aerospace sector consist of a

- strong industrial base (Fokker Technologies, Dutch Space, many SME's organized in the Netherlands Aerospace Group (NAG) and The Netherlands Defense Manufacturers Association (NIDV))
- large operational entities (Air France KLM, Schiphol Airport, Netherlands Air Navigation Service Provider LVNL, Royal Netherlands Air Force and Royal Netherlands Navy)
- research infrastructure with international reach (Netherlands National Aerospace Laboratory (NLR), German Netherlands Wind tunnels DNW) and
- strong aerospace education (Technical University of Delft, Aviation College of Amsterdam and InHolland Aerospace Engineering).

exhibition area, special sessions on selected topics and specific actions to facilitate student's attendance will make CEAS 2015 one of the major European aerospace events, attracting more than 400 attendees.

Keynote lectures

Key note speeches will be given by distinguished guests from the Netherlands Ministry of Economic Affairs, Airbus, ESA ESTEC, EU, EASA, AirFrance-KLM, Fokker Technologies and the Netherlands Armed Forces.



Venue

The conference will be held in the Aula Congress center of the Technical University Delft.

The combination of a Technical University, a pleasant old town, good accessibility and perfect equipment, makes the Aula Congress center an outstanding location for this event. A variety of (inter)national companies, institutions and other relevant organizations will present themselves at the very spacious foyer.

CEAS 2015 will be hosted by the Netherlands Association of Aerospace Engineers NVvL in close cooperation with the Delft University of Technology DUT and the Society of Aerospace Students DUT – Leonardo da Vinci VSV on behalf of the CEAS community.

Call for Papers

The Call for Papers has been published and prospective authors are invited to submit abstracts of original work for oral or poster presentation at the conference. Extended abstracts should be submitted before 1 October 2014.

Further information is available at the website (<http://www.ceas2015.org>) and please do not hesitate to contact us if you have any questions or need any clarification at info@ceas2015.org.

Conference themes

Besides traditional subjects like CFD, noise and greenhouse gas emissions, environmental effects, aircraft handling, flight testing, unmanned aerial vehicles, structures, materials and propulsion integration, the conference will feature the following relevant themes:

- *Airworthiness challenges of new flight vehicle configurations and emerging technologies (like application of composite structures).*
- *European aerospace defense technological base applied in multination programs: industry and operator experience with Eurofighter, A400M and NH90.*
- *Air transport over Europe connecting airport cities: flying more environment-friendly at reduced cost.*
- *Cockpit of the future with reduced pilot interaction: trusting automation.*
- *Maintenance, Repair and overhaul: greater efficiency, consolidation and improving customization.*
- *Collaborative engineering in system design: integrated physical teams and virtual manufacturing.*
- *Clean space: developing new technologies to safeguard terrestrial and orbital environments, controlled re-entry, green propellants, removal of space debris.*
- *Future education and training needs (life-long) for aviation engineers and researchers in Europe.*
- *Virtual hybrid testing in aeronautics and space: future role of large scale testing.*

