

Berlin - the capital of Germany



Europe's largest convention,
entertainment and hotel complex



Organizer

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Council of European Aerospace Societies



AAAF Association
Aéronautique et
Astronautique de France



AIAE Asociación de
Ingenieros Aeronáuticos de
España



AIDAA Associazione Italiana
di Aeronautica e Astronautica



DGLR Deutsche Gesellschaft
für Luft- und Raumfahrt -
Lilienthal- Oberth e. V.



FTF Flygtekniska Föreningen.
Svensk förening för flygteknik
och rymdteknik



NVvL Nederlandse
Vereniging voor
Luchtvaarttechniek



RAeS Royal Aeronautical
Society



SV+W Schweizerische
Vereinigung für
Flugwissenschaften.



Deutscher Luft- und Raumfahrt Kongress 2007
10-13 September 2007 in Berlin, Germany



First CEAS
European Air and Space Conference

CENTURY PERSPECTIVES



hosted by DGLR

Estrel-Hotel in Berlin

First Announcement

www.CEAS2007.org



CEAS Council of European Aerospace Societies

In the mid 1980s Europe's main professional aerospace societies recognized the increasingly international nature of aerospace business. These considerations resulted in forming the Confederation of European Aerospace Societies (CEAS) during the 1992 Farnborough Airshow. Today, CEAS comprises of eight societies with more than 25.000 individual members: **AAAF** Association Aéronautique et Astronautique de France, **AIAE** Asociación de Ingenieros Aeronáuticos de España, **AIDAA** Associazione Italiana di Aeronautica e Astronautica, **DGLR** Deutsche Gesellschaft für Luft- und Raumfahrt - Lilienthal-Oberth e. V., **FTF** Flygtekniska Föreningen. Svensk förening för flygteknik och rymdteknik, **NVVl** Nederlandse Vereniging voor Luchtvaarttechniek, **RAeS** Royal Aeronautical Society, **SWFV** Schweizerische Vereinigung für Flugwissenschaften. Each society represents the leading national society in the field of aeronautics and astronautics.

DGLR is the local organiser of the conference, and is the second oldest scientific-technical Aerospace Society worldwide. The Society works on a non-profit basis, and currently has approx. 3.000 members from the international aerospace community. The various aerospace disciplines are being addressed in over 40 technical and scientific committees. The DGLR cooperates with international organizations like IAF, ICAS, ISOABE, AIAA, and is one of the foundation members of CEAS. Amongst the numerous national and international symposia and conferences on aerospace matters organized by the DGLR, the **Deutscher Luft und Raumfahrt Kongress** is certainly the national annual highlight within the professional community. The last event comprised of more than 200 papers and attracted over 500 participants. It forms a good base for the first **CEAS European Air and Space Conference**

Programme Committee

The Programme Committee will be composed by the DGLR Programme Committee, members of the CEAS Specialist Committees and international specialists.

Chairperson:

Dr.-Ing. Detlef Müller-Wiesner, EADS

Board of Programme Committee

Dr. Constantinos Stavriniadis, ESA

Mr. Alain Garcia, Airbus SAS

Prof. Dr. -Ing. Klaus Briess, Technische University of Berlin

Prof. Dr. -Ing. Robert Luckner, Technische University of Berlin

Scope:

The 1st International CEAS European Air and Space Conference addresses all disciplines of aeronautics and astronautics systems, including their design, development and operation. It covers all scientific, industrial, educational, legal as well as historical aspects relevant to Aerospace. A major goal is to generate synergies between aviation and space related technologies and experiences, as well as products.

Focal Points of the 1st CEAS conference will be

- Cooperation among European, including East-European and international, academia, research, and industry
- Satellite navigation and applications (Galileo)
- Future Space Utilization (extraterrestrial research, exploration, Earth monitoring, microgravity)
- Innovative propulsion concepts (both air and space transport oriented), incl. propellants and combustion
- Maintenance, repair, and overhaul (health monitoring, diagnostics, failure recovering)
- Novel simulation, optimization and multidisciplinary techniques, processes and procedures related to research, development and design
- Legal and certification standards for Airports, operations, and environmental aspects
- Suborbital flights incl. space tourism and legal aspects
- On-ground and in-flight testing techniques, incl. ground-to-flight extrapolation methodologies
- Acoustics for aircraft and space vehicles, incl. launch related issues
- Energetic components in aerospace
- Making aviation and space attractive for students, education
- Spacecraft Structures, Materials & Mechanical Testing
 - Mechanical architecture, design and engineering;
 - Structures;
 - Materials (metallic, composite, ceramics);
 - Structural dynamics, incl. shock and micro-vibration;
 - In-flight experiments and flight data;
 - Mechanical and thermo-mechanical testing.

Conference Language will be English, but papers and presentation in German are also welcome

www.CEAS2007.org

Tentative Time Schedule

Oct. 2006 Call for Papers
April 2007 Deadline for Abstracts
10 - 13 Sep. 2007 CEAS Conference in Berlin

Opening ceremony, reception and banquet

In the afternoon of 10 September the congress will start with an opening ceremony with keynote speakers from politics, industry and science. Social highlights will be a reception of the Mayor of Berlin and the conference dinner.

Technical Tours

Technical Tours will be organised on Friday 14 September.

Social Programme

A social programme to become acquainted with sightseeing attractions of the Berlin area is planned in parallel to the conference.

Exhibition

Approximately 800 square meters for exhibition will be available for the aerospace industry as well as for soft- and hardware vendors in general.

Sponsorship

Up to 1000 specialists from all over the world are expected to attend this conference, and sponsors for this major event are welcome to contact the conference organisers.

Berlin

Berlin, the capital of Germany, is dynamic, cosmopolitan and creative, allowing for every kind of lifestyle. East meets West in the metropolis in the heart of a changing Europe. Germany's largest city is a city of opportunities waiting to be seized in all areas, like entertainment, recreation, economy, science and academic life, as well as in politics.

Venue: Estrel Hotel

The Estrel Berlin is said to be Europe's largest convention, entertainment and hotel complex. With 1,125 rooms and suites, five restaurants, two bars, a beer garden, the Estrel has plenty to offer to every guest. Beside the Estrel Hotel accommodation will be available in various prize categories.