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AERONAUTICS DAYS 2006

Preliminary Programme

Sustainable Solutions for New Horizons

**Fifth Community
Aeronautics Days
19-21 June 2006
Vienna, Austria
www.aerodays2006.org**



AUSTRIAN RESEARCH CENTERS



FFG

Conference Organisers:

The “Aeronautics Days 2006 – Sustainable Solutions for New Horizons” are organised by:

- ✈ The European Commission (EC);
- ✈ The Austrian Ministry for Transport, Innovation and Technology (BMVIT);
- ✈ The Austrian Research Promotion Agency (FFG);
- ✈ The German Society for Aeronautics and Astronautics (DGLR) for the Council of European Aerospace Societies (CEAS);
- ✈ The Austrian Research Centers (ARC).

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This preliminary programme was published on 2 May 2006 and is subject to change.



Aeronautics takes Centre Stage

Air transport is a vital asset for Europe's economic and social prosperity. The aeronautics sector contributes about 500 billion to the EU GNP every year. It employs 3.1 million people, representing 1.9% of all EU jobs. Aeronautics exports amount to 60% of the industry's turnover, generating a trade surplus of 2.2 billion, and, with a fleet of about 5 000 aircraft, European airlines transport 1 billion people every year.

This unmitigated success for the industry is a direct result of its pioneering R&D-oriented approach. With its longstanding experience in co-operative and international research and its proud history of scientific and technological excellence, the aeronautics industry itself is now seen as a model for the larger European 'knowledge-based society' that the Union is so urgently seeking to achieve.

In keeping with the size, importance and success of the European aeronautics industry, the European Commission and the Austrian EU Presidency has organised a premier-level event in the form of the Aeronautics Days 2006 Conference.

Following on from successful predecessors in Brussels (1991), Naples (1993), Toulouse (1997) and Hamburg (2001), this Fifth Community Aeronautics Days will take place on 19-21 June 2006 in Vienna, Austria, and will bring together aeronautics stakeholders from all over Europe, including Russia and the Ukraine, and from the Americas and Asia, to network, present results and discuss common future R&D projects.

Highlights will include keynote addresses by major industrial and political figures, technical excursions providing an up-close look at the latest in aeronautics technological innovation, a state-of-the-art exhibition area and sparkling social events at prestigious Vienna sites, aimed at allowing key players and industry newcomers to mix and get to know each other.

Aeronautics Days 2006 will provide a major, world-level forum for information exchange and dissemination of EU-funded RTD results, fully in line with the Union goals of creating an open and coordinated European Research Area, a Single European Sky and of enabling efficient mobility throughout Europe and the world.

A crucial moment for Air Transport

The aviation sector is all too aware of the need to find an acceptable balance between public expectations and the constant, fierce competitive pressures from global rivals. The modern air transport system is being called upon to satisfy increasingly urgent demands for lower travel costs, better service, the very highest safety and environmental standards and seamless connectivity with other transport modes and networks. To remain competitive while meeting all of these needs, the industry must rapidly develop and deploy new and innovative technologies and procedures.

The key to securing these objectives is investment in research and technology, according to a strategy that can meet the demands of the market as well as the needs of the community.

The ACARE Technology Platform (Advisory Council for Aeronautics Research in Europe) has already provided a crucial starting point for the EU's overall aeronautics research programme. Launched by the Group of Personalities, whose 'Vision 2020' set the goals for future air transport, ACARE is now slated to present a mid-term review, at the Aeronautics Days 2006 Conference, of its own 'Strategic Research Agenda 2', first published in March 2005.

Today's Transport Research keeps Europe in front

While previous Framework Programmes have emphasised technology, design and manufacturing processes, today's research is increasingly responding to greater societal needs addressing issues of infrastructure, environmental performance and mobility patterns, helping to improve the lives of ordinary citizens while strengthening Europe's position as a world competitor.

The European Council, Parliament and Commission have all shown real support for European aeronautics, establishing aeronautics research as a key thematic priority over two successive EU Research Framework Programmes (FP5 and FP6). Not only will this support continue, but it is now set to expand significantly under the upcoming Seventh Framework Programme (FP7, 2006–2013).



Importantly, Aeronautics Days 2006 coincides with the launch of FP7, an ideal moment to present and review the status of European aeronautics R&D. High-level European Commission representatives have been actively involved in the planning of the conference and will provide detailed presentations of EU research goals and opportunities under FP7, with particular attention to the involvement of the new EU Member States.

If you attend only one event this year...

Austria is determined to make Aeronautics Days 2006 a highlight of its EU Presidency and will take special pride in showcasing its magnificent capital city throughout the programme. This will not only include the impressive line-up of events planned for participants but also a special programme of social events for accompanying partners.

Significantly, Austria expects to be represented by a strong delegation of Europe's best and brightest students and young researchers. A special contest for students will be another highlight.

Altogether, over 1 000 participants are now expected to attend the three-day Aeronautics Days 2006 Conference, the largest gathering of its kind in Europe and an event not to be missed.

Programme Day 1 Monday, 19 June 2006

11h00 – 13h00 **Opening Ceremony**

Chairperson

Knut Consemüller, Chairman of Austrian Council Research and Technology Development

Welcome Addresses

Hubert Gorbach, Vice-Chancellor and Minister BMVIT, Austria;

Janez Potočnik, European Commissioner for Science and Research

Jorgo Chatzimarkakis*, Member of European Parliament

Paul Rübig, Member of European Parliament

Keynote Addresses

Charles Edelstenne, Chairman Elect of Aerospace and Defence Industries Association of Europe (ASD); **Joachim Szodrich**, Co-chairman ACARE, EREA, President of DGLR, CEAS; **Victor Aguado**, Director General, Eurocontrol; **Fernando Pinto**, Former Chairman, Association of European Airlines and CEO of TAP Air Portugal*

13h00 – 13h15 **Exhibition Opening**

14h30 – 15h00 **Plenary Session 1
A Vision of Future Air Transport**

15h00 – 16h25 **Parallel Sessions 1**

I The Greening of Air Transport

A.1 Investigation of Climate Effects

Ulrich Schumann*, DLR; Alf Junior, DLR; Chris Evers, QinetiQ

I Improving Cost Efficiency

B.1 Integrated Design & Validation

Philippe Homsy, Airbus-SAS; Andrew Thain, EADS; Alain Remouchamps, SAMTECH; Yves Baudier, EADS

I Ensuring Customer Satisfaction, Safety and Security

C.1 Cabin Environment

Earle Perera, Building Research Establishment; Volker Mellert, Oldenburg University; Antonio Paonessa, Alenia Aeronautica; Reiner Rückwald, Airbus-D

I Increasing Time Efficiency

D.1 Air Traffic Management

Robert Graham and Franck Ballerini, Eurocontrol Experimental Centre; Marcial Valmorisco, ISDEFE; Jean-Yves Catros, Thales-Avionics; Christoph Rihacek, Frequentis; Dominique Egron, Thales ATM

I Pioneering the Air Transport of the Future

E.1 New Aircraft Concepts

Nikolai Kresse, Airbus-D; Joao Frota, Airbus-SAS; Jesús de Pablo Pérez, Airbus-ES; Patrick Parnis*, Dassault Aviation

* not confirmed

I European Research Area

F.1 European strategy

Bas Oskam, NLR; Walter Riha, DLR; Luigi Botasso, ASTERA/ASD

I European Research Area

G.1 Supply Chain-SMEs

Ute Sachau Böhmert, Aerospace Cluster Hamburg; François Jouaillec, Aerospace Valley Midi-Pyrénées-Aquitaine; José Juez, HEGAN Aerospace Cluster Basque Country; Philippe Schleicher, Walloon Space Cluster

16h55 – 18h00

Parallel Sessions 2

I The Greening of Air Transport

A.2 Aero-engine Combustor Technologies

Ralf von der Bank, Rolls-Royce; Helen Brocklehurst, Rolls-Royce; Thomas Noel*, SNECMA

I Improving Cost Efficiency

B.2 Improving aircraft Performance

Jens König, Airbus-D; Ralf Rudnik, DLR; Jean-Jacques Mirat, Airbus-SAS.

I Ensuring Customer Satisfaction, Safety and Security

C.2 External Hazard and Accident Survivability

Joseph Huysse, Thales Avionics; Timothy Brown, BAE SYSTEMS; Nicolas Douchin, Oktal; Achim Dreher, DLR

I Increasing Time Efficiency

D.2 Airports and ATM

Michel van Eenige, NLR; Yohann Roux, Airbus-FR; Luigi Mazzucchelli, Next – Ingegneria dei Sistemi; Michael Röder, DLR

I Pioneering the Air Transport of the Future

E.2 Breakthrough Technologies

Christine Schilo, Airbus D; Sergei I. Chernyshenko, University of Southampton; Johan Steelant, European Space Agency; Gregorio Kawiecki, Gamesa

I European Research Area

F.2 National Aero RTD Highlights

Ray C. Kingcombe, UK Department of Trade & Industry; Jean-Luc Tinland, DPAC

I European Research Area

G.2 Air Transport-User Aspects

Herbert Kaufmann, Vienna International Airport

20h00 Reception at the Kunsthistorisches Museum

Programme Day 2 Tuesday, 20 June 2006

8h30 – 9h30

Plenary Session 2

Chairman:

Klaus Pseiner, Austrian Research Promotion Agency

The Single Sky for Europe - SESAR and other initiatives

Daniel Calleja Crespo, Director Air Transport, European Commission, DG TREN

The NGATS Initiative (USA)

Karl Grundmann, FAA

9h35 – 10h55

Parallel Sessions 3

I The Greening of Air Transport

A.3 External Noise Reduction

Dominique Collin, SNECMA; Eugene Kors, SNECMA; Brian J. Tester, Southampton University; Collin Beers, NLR; Peter Hullah, Eurocontrol

I Improving Cost Efficiency

B.3 Composite Structures

Thierry Vilain, Dassault Aviation; Richard Degenhardt, DLR; Charlotte Meeks*, QinetiQ ; Dieter Pahr, TU Wien

I Ensuring Customer Satisfaction, Safety and Security

C.3 Wake Vortex Investigations

Thomas Leweke, CNRS Marseille; Lennaert Speijker, NLR; Dan Slasky, ELOP Industries; Bram Elsenaar, NLR retired; Steve Lang, FAA; Wayne Bryant, NASA

I Increasing Time Efficiency

D.3 Point to Point Air Transport

Philippe Rollet, Eurocopter; Christophe Serr, Eurocopter; Antonio Saporiti, Agusta

I Pioneering the Air Transport of the Future

E.3 Towards a Fully Automatic ATS

Mark Okrent, Israel Aircraft Industries; Claude Le Tallec, ONERA; Reimund Kueke, AIROBOTICS; Akiva Peled, Israel Aircraft Industries

I European Research Area

F.3 Integrating Research Infrastructures

Erich Gornik, ARC, Jean-Marc Bousquet, ONERA; Sigrun Matthes, DLR

I European Research Area

G.3 Aeronautics RTD in Commonwealth of Independent States (CIS)

Sergey Lyapunov, TsAGI; Sergey Trofimov, Monitor Soft Ltd; Ramiz A. Sadigov, Azerbaijan National Aviation Academy; Vladimir S. Krivtsov, National Aero. Univ. of Ukraine; Pavel V. Kozlenko, RSE Kazaeronav

I European Research Area

H.3 'SESAR' FORUM – The Joint European concept in Air Traffic Management

Patrick KY, EC DG TREN

11h25 – 12h50

Parallel Sessions 4

I The Greening of Air Transport

A.4 Propulsion Systems and Emission Reductions

Jean-Jacques Korsia, SNECMA; Günter Wilfert, MTU Aero Engines; Nick Peacock, Rolls-Royce

I Improving Cost Efficiency

B.4 Technology for Metallic Structures

Frank Eberl, ALCAN; Delphine Allehaux, EADS; Paco Alonso*, Geya; Jorge Labeas, Univ. of Patras; Peter Horst, TU Braunschweig

I Ensuring Customer Satisfaction, Safety and Security

C.4 Maintenance Methods

Claus Bremer, BCT GmbH; Jon Dunsdon, Smith Aerospace; Sönke Seebacher, Airbus-D

I Increasing Time Efficiency

D.4 Technologies for Future ATS

Eric Hoffman, Eurocontrol Experimental Centre; Richard Watters, BAE SYSTEMS; Marc Brochard, Eurocontrol Experimental Centre; Nicolas Suarez, ISDEFE

I Ensuring Customer Satisfaction

E.4 Rotorcraft of the Future

Valentin Kloeppel, Eurocopter; Jürgen Langer, DLR; Giuseppe Pagnano and Andrea Campanile, Agusta; Edgar Uhl, Autoflug

I European Research Area

F.4 University Networks & Students' Research

Spiros Pantelakis, Uni. of Patras (EASN – European Aeronautics Science Network); Gianfranco Chiochia, Politecnico di Torino (PEGASUS); Students

I European Research Area

G.4 General Aviation RTD highlights – Europe on the move

New Member States

14h20 – 15h20

Plenary Session 3 The Seventh Research Framework Programme

Chairman:

Ingolf Schädler, Austrian Federal Ministry for Transport, Innovation and Technology

Jack Metthey, Director of Transport Research, European Commission

The Clean Sky Technology Initiative – Alain Garcia, Airbus-SAS

* not confirmed

15h25 – 16h45

Parallel Sessions 5

| The Greening of Air Transport

A.5 Flight Physics and Flow Control

Geza Schrauf, Airbus-D; Clyde Warsop, BAE Systems; Michel Stanislas, CNRS Lille; Andreas Schröder, DLR

| Improving Cost Efficiency

B.5 High Temperature Materials for Aero-engines

Olaf Roder, MTU; Ernst E. Affelt, MTU; Peter Chandler, CA Technology Ltd; Stefan Drawin, ONERA

| Ensuring Customer Satisfaction, Safety and Security

C.5 Safety Analysis and Human Factors

Nick McDonald, Trinity College Dublin; Antonella Cavallo, Alenia Aeronautica; Andrea Raffetti, d'Appolonia

| Improving Cost Efficiency

D.5 Advanced Onboard Systems

Jan Holnicki, IFTF; Volker Ziegler, EADS; Christophe Devillers, SOFRANCE; Karl-Helmut Becker, MTU

| Improving Cost Efficiency

E.5 Future Aircraft Structures

Richard Forster, Airbus-SAS; David Phipps, Airbus-UK; Philippe Vautey, Dassault Aviation

| European Research Area

F.5 National Aero RTD Highlights – New Member States

Jaroslav Ruzicka, Evektor; Jonas Stankunas, Vilnius Gediminas Wroclaw Technical University

| European Research Area

G.5 Aero RTD in the Americas

| European Research Area

H.5 'CLEAN SKY' FORUM 1 – The Joint Technology Initiative (JTI) in Aeronautics

17h15 – 18h35

Parallel Sessions 6

| The Greening of Air Transport

A.6 Engine Emission Technology

Ralf Berghof, DLR; Ralf von der Bank, Rolls-Royce; Isabelle Vallet, AUXITROL; Stéphane Baralon, Volvo Aero

| Improving Cost Efficiency

B.6 Manufacturing Simulation

George Maistros, INASCO; Laurent d'Alvise, CENAERO; Marinus Schouten, EADS D-CRC; Jacques Pere-Laperne, Algo Tech Informatique

| Ensuring Customer Satisfaction, Safety and Security

C.6 Structural Health Monitoring

Koen Van Den Abeele, Catholic University Leuven; Clemens Bockenheimer, Airbus-D; Helge Pfeiffer, METALogic N.V

| The Greening of Air Transport

D.6 Drag Reduction Technologies

Winfried Kühn, Airbus-D; Alan Mann, Airbus-UK; Karl-Heinz Horstmann, DLR; Daniel Arnal, ONERA

| Improving Cost Efficiency

E.6 Onboard Systems

Lester Faleiro, Liebherr Aerospace; Axel Kiens and Jörn Unteutsch, Autoflug; Jesus Marcos Olaya, INASMET

| European Research Area

F.6 National Aero RTD Highlights

Michael Murphy, Enterprise Ireland; Antonin Kazda, University of Zilina; Marius-Ioan Piso, Romanian Space Agency (ROSA)

| International Forum

G.6 Aeronautics RTD in Asia

Kimio Sakata*, Japan Aerospace Exploration Agency (JAXA);
Dr R.K. Ramanathan*, Aeronautical Development Agency, India; Jingshen Li, Chinese Aeronautical Establishment (CAE); Xu Min & Yin Pei Zhi, China Research & Development Institute (CHRDl)

| European Research Area








H.6 'CLEAN SKY' FORUM 2 - The Joint Technology Initiative (JTI) in Aeronautics

Bruno Stoufflet, Dassault Aviation

20h00

Conference Banquet offered by
the City of Vienna in the Town Hall



	Thematic Areas	1. The Greening of Air Transport	2. Improving Cost Efficiency	3. Ensuring Customer Satisfaction and Security
 DAY 1	Sessions 1	Investigation of Climate Effects	Integrated Design & Validation	Cabin Environment
	Sessions 2	Aero-engine Combustor Technologies	Improving Aircraft Performance	External Noise and Accident S
 DAY 2	Sessions 3	External Noise Reduction	Composite Structures	Wake Vortex Investigation
	Sessions 4	Propulsion Systems and Emission Reduction	Technology for Metallic Structures	Maintenance and Rotorcraft Future
	Sessions 5	Flight Physics and Flow Control	High Temperature Materials for Aero-engines Advanced Onboard Systems Future Aircraft Structures	Safety Analysis and Human Factors
	Sessions 6	Engine Emission Technology Drag Reduction Technologies	Manufacturing Simulation Onboard Systems	Structural Health Monitoring
 DAY 3	Sessions 7	Improving Aero-engine Efficiency	Onboard Electronics and Avionics Manufacturing Processes Numerical Flow and Noise Simulation	Security



Customer on, Safety ity	4. Increasing Time Efficiency	5. Pioneering the Air Transport of the Future	6. European Research Area
Environment	Air Traffic Management	New Aircraft Concepts	European Strategy Supply Chain-SMEs
Hazard and Survivability	Airports and ATM	Breakthrough Technologies	National Aero RTD Highlights Air Transport – User Aspects
ex ons	Point to Point Air Transport	Towards a Fully Automatic ATS	Integrating Research infrastructures Aeronautics RTD in Commonwealth of Independent States (CIS) ‘SESAR’ FORUM – The Joint European concept in Air Traffic Management
ce Methods of the	Technologies for Future ATS		University Networks & Students Research General Aviation RTD highlights – Europe on the move
lysis and ctors			National Aero RTD Highlights – New Member States Aero RTD in the Americas
Health			National Aero RTD Highlights Aero RTD in Asia ‘CLEAN SKY’ Forum 2
			National Aeronautics RTD Highlights FP7 – New opportunities for research

Programme Day 3 Wednesday, 21 June 2006

8h30 – 9h30 Plenary Session 4

Very Light Jets – A New Dimension in Aeronautics Aerospace

Societies for Europe – A Challenge for the Next Generation

Chairman:

Herbert J. Allgeier, Former EC-JRC Director General

Christian Dries, CEO, Diamond Aircraft Industries

9h35 – 10h55 Parallel Sessions 7

I The Greening of Air Transport

A.7 Improving Aero-engine Efficiency

Thomas Coton, SNECMA; Mike Hirst, Colin Young, Rolls-Royce; Lorenzo Hernández, Turbomec

I Improving Cost Efficiency

B.7 Onboard Electronics and Avionics

Joseph Huysse, Thales Avionics; Dag Ausen, SINTEF; Stephen Hardgrave, Aircraft Management Technologies (AMT); Massimiliano Amirfeiz, Selex Communications

I Ensuring Customer Satisfaction, Safety and Security

C.7 Security

Daniel Gaultier, SAGEM; Gilles Fournier, EADS CCR; Bob Lloyd, Patricia Tomkins and Jonathan Murrel, Innovation Research & Technology; Michael Langer, Diehl

I Improving Cost Efficiency

D.7 Manufacturing Processes

Achim Schoberth, Tobias Hornfeck, EADS-D; Oscar Caballero, Industria de Turbo Propulsores S.A.; Patrice Lefebvre, EADS-CCR; Shlomo Ramati, Israel Aircraft Industry

I Improving Cost Efficiency

E.7 Numerical Flow and Noise Simulation

Werner Haase, EADS-D; Craig Mead, QinetiQ; Jean-Louis Migeot, Free Field Technologies; Thomas Rung, TU Hamburg-Harburg

I European Research Area

F.7 National Aeronautics RTD Highlights

Hans-Christer Olson, Swedish Ministry of Industry; H. J. L. van Leeuwen, Netherlands Agency of Aerospace Programmes (NIVR)

I European Research Area

G.7 FP7 – New opportunities for research

Eva Valle Lagares, William Cannell, and Alessandra Luchetti, EC DG RTD*

11h25 – 13h00

Closing Session Aeronautics 2020 – Implementing the Future

Chairman:

Ingolf Schädler, Austrian Federal Ministry for Transport, Innovation and Technology

Eduard Mainoni, Secretary of State Federal Ministry for Transport, Innovation and Technology, Austria; **Zoran Stančić**, Director-General for Research, European Commission;

Francois Quentin, Co-Chairman of ACARE; **Krzysztof Jan Kurzydowski**, Secretary of State, Ministry of Education and Science, Poland; and high-level Industry representatives, **Jürgen Meyer**, Federal Ministry for Economics and Technology BMWi, Germany

13h00

Conference Sessions and Exhibition Closing

Afternoon Conference Excursions

(To be booked together with the conference registration; number of participants limited)

- Excursion 1: **Diamond Aircraft Industries – General Aviation
Aircraft Manufacturer**

- Excursion 2: **Modern Aircraft Maintenance – Austrian Airlines
– Aircraft Maintenance Centre**

- Excursion 3: **Innovative Avionics Technology – TTTech**

- Excursion 4: **Aerospace Materials Technology Testhouse &
Research Network – Austrian Research Centers**

Exhibition

A state-of-the-art exhibition will be among the highlights of the Aeronautics Days 2006 Conference. Hi-tech displays, demonstrations and information stands will cover every aspect of current aeronautics R&D, with special emphasis on the added value of coordination within the European Research Area (ERA).

Achievements of Community-funded aeronautics research under the Fifth and Sixth Research Framework Programmes will be presented, with displays citing specific and significant contributions to the future aeronautics and air transport technology base, in terms of:

- ✈ Capacity and efficiency
- ✈ Safety and security
- ✈ Environmental performance
- ✈ Industrial competitiveness

The exhibition will provide clear information and insights into future developments and opportunities, with in-depth information on the Advisory Council for Aeronautics Research in Europe (ACARE), whose Strategic Research Agenda (SRA) remains the primary guide for future EU research, and a major preview of the Union's next Framework Programme, FP7, set for launch in 2007.



Vienna Congress Center



New Member States to shine

Also featured, for the first time at an event of this order, will be the unique history and expertise of the New EU Member States in the field of aeronautics. Not without ambition, these recent contributors to the ERA are promoting bold and ambitious initiatives in research and development, as well as in production.

Finally, Austria, the Aeronautics Days 2006 host country, will present its own increasing contributions to the European aeronautics sector. By all accounts, this small Alpine country, not on most people's shortlist of aerospace powers, has a significant role to play when it comes to European aeronautics research and innovation.



Technical Excursions

Conference participants and journalists will be invited to have a first-hand look at some of Austria's world-class aeronautics and research facilities via a series of stimulating technical visits.

Excursion 1: Advanced Aircraft Production

Diamond Aircraft Industries (www.diamond-air.at), Wiener Neustadt

Diamond Aircraft Industries is a worldwide composite aircraft manufacturer, with offices in major centres across North America, Europe, Asia and Australia. The company's head office is located in Wiener Neustadt, where research and development operations are also conducted. A guided tour will include the production lines of two- and four-seater, single- and twin-engine aircraft.

Excursion 2: Modern Aircraft Maintenance

Austrian Airlines, Aircraft Maintenance Centre (www.austriantechnik.at), Schwechat Airport

The Aircraft Maintenance Centre provides full technical handling of aircraft at Vienna International Airport, based on international quality standards requirements. A guided tour will take visitors through wheel and brake repair shops, the engine room and hangars, as well as cargo facilities, the general aviation terminal and the fire station at Vienna Airport.

Excursion 3: Innovative Avionics Technology for Optimised Aircraft Efficiency

TTTech (www.tttech.com) Vienna

TTTech is the leading supplier of technology in the field of time-triggered systems. Its core technology, the 'Time-Triggered Architecture' (TTA), is a dependable platform for safety-critical applications that considerably improves real-time data communication with respect to safety, cost, and productivity. TTTech Management will present the company's Time-Triggered Technology, including hardware and aerospace applications.

Excursion 4: Aerospace Materials Technology Testhouse & Research Network

Austrian Research Centers (www.arcs.ac.at), Seibersdorf

Austrian Research Centers (ARC) is a high-performance and use-oriented research and service company, with 995 employees at locations in Austria. This excursion features a presentation of ARC aerospace activities, including: powder technology, PIM; hydro-pulse and re-entry test facilities, development of ceramics; mechanics with acoustic emission, health monitoring; SEM, FIB analytics, nanomodified composites and coatings; Space tribology; and FEPP ion propulsion.



Burgtheater

Social Programme

Aeronautics Days 2006 highlights Vienna

Vienna has been a major conference centre since the 'Congress of Vienna' in 1815, when it hosted the peace talks that ended the Napoleonic Wars. Since then, the city has confirmed its place as one of the top-ranking conference destinations in the world. Of course, no one should come to Vienna without seeing some of the sites that have made it one of the world's great cities. The organisers of Aeronautics Days have taken great pains to make sure participants can do just that. Starting with an elegant reception at one of the world's most famous and spectacular art museums, the conference's social programme is sure to both enchant and enlighten.

Reception at the Kunsthistorisches Museum

Vienna's 'Museum of Art History' houses one of the most spectacular collections of fine and decorative arts in the world. Set in a palatial building crowned with a 60-metre-high octagonal dome, the museum was opened in 1891 by Emperor Franz Joseph I of Austria-Hungary and was meant to provide a suitable shelter for the Hapsburgs' formidable art collection. The interior is lavishly decorated with marble, stucco ornamentations, gold leaf, and paintings, making it a spectacular work of art in its own right.

The Austrian Presidency and the European Commission are inviting all Aeronautics Days participants to an opening reception at the museum on 19 June. Guests will have the opportunity to visit part of the museum's collections, ranging from ancient Egyptian, Greek and Roman antiquities, to medieval art and the splendid renaissance and baroque collections.

Banquet at Vienna's Rathaus

The mayor of Vienna, the Austrian Presidency and The European Council will host a gala dinner with musical accompaniment at the city's magnificent town hall on 20 June. The impressive building houses the office of the mayor and the governor of the state of Vienna as well as the Assembly and the City Council. Built in a neo-Gothic style by Friedrich von Schimdt between 1872 and 1883, the 100-metre-tall edifice is the most important secular work of its style in the city.

A sumptuous programme for accompanying partners

Partners accompanying Aeronautics Days participants will have the chance to experience Vienna first-hand, through a fascinating programme of tours and visits. Walking tours will include a stroll through the world-famous Hofburg Castle, accompanied by actress Elizabeth-Joe Harriet who will recite the poetry of Empress Elisabeth. Or follow the traces of Mozart through the Vienna of music, enjoying some of the master's greatest compositions plus some typical culinary treats.



Schönbrunn

Other walking tours will focus on the downtown area, with its distinctive houses, pubs and other attractions, and on the old city, with its elegant and fashionable streets, palaces and Gothic churches.

For a seated view of the city, a sightseeing bus tour will highlight the most significant buildings, quarters and parks. The climax of this excursion will feature a visit to the Schönbrunn Palace, the former summer residence of the Hapsburg family. Finally, sightseeing tours by horse-drawn carriage will also be arranged for small groups.

Vienna and its surroundings



Note: An "ACCOMMODATION BOOKING FORM" is available for download at:

www.aerodays2006.org

Aeronautics Days 19-21 June 2006, Vienna, Austria

Please fax: +49-228-30805-24 or email: klaus.schubert@dglr.de

Personal Information

Title: Mr Ms Mrs
Name:
First Name:
Organisation/Company:
Department:
Position:
Address:
Postal Code: City:
State: Country:
Telephone: Fax:
E-Mail:

Registration – Fees

Reduced registration fees before 21 May 2006.

	Before 21 May	Full
Standard Registration	<input type="checkbox"/> 400.00€	<input type="checkbox"/> 450.00€
Members of CEAS Societies registration	<input type="checkbox"/> 370.00€	<input type="checkbox"/> 420.00€
Name of society:		
Special Registration	<input type="checkbox"/> 200.00€	<input type="checkbox"/> 250.00€
<input type="checkbox"/> Speaker <input type="checkbox"/> Chair Person		
<input type="checkbox"/> University Employees <input type="checkbox"/> SME		
<input type="checkbox"/> Participants from New Member States / Candidate Countries		
Student Registration		
Name of University:		
Student Reg. Number:		
Note: valid international student ID required	<input type="checkbox"/> 85.00€	<input type="checkbox"/> 100.00€
Exhibitor Registration	<input type="checkbox"/> 200.00€	<input type="checkbox"/> 250.00€

Note: Cancellations with or without replacement must be reported in writing to DGLR before 21 May 2006 in which case registration fee will be refunded minus a cancellation fee of 50.00 € Cancellations received after 21 May will not be refunded. Cheques are not accepted.

Accompanying Person (no access to technical programme)

Name:
First Name:

 **Social Events**

	Registered Person	Accompanying Person
Monday evening: Reception at the Kunsthistorisches Museum Vienna	<input type="checkbox"/>	<input type="checkbox"/>
Tuesday evening: Conference dinner in the Vienna Town Hall	<input type="checkbox"/>	<input type="checkbox"/>
Wednesday: (please select one)		
Excursion 1: Diamond Aircraft Industries (Aircraft manufacturer)	<input type="checkbox"/>	<input type="checkbox"/>
Excursion 2: Austrian Airlines - Aircraft Maintenance Centre	<input type="checkbox"/>	<input type="checkbox"/>
Excursion 3: TTTech - Innovative Avionics Technology	<input type="checkbox"/>	<input type="checkbox"/>
Excursion 4: Austrian Research Centers (ARC)	<input type="checkbox"/>	<input type="checkbox"/>

 **Payment Type**

Payment by Bank Transfer to: Sparkasse Bremen

Account name: machtWissen.de AG
 Account number: IBAN DE 290501010001142744
 Bank Code: BIC (SWIFT) SBREDE22

Please print the name of the participant and "AD06" on the transfer form.

Payment by Credit Card

- MasterCard
- Visa

Credit Card Number:
 Expiry Date:
 Card Holder:

I authorise machtWissen.de AG, Fahrenheitstraße 1, 28359 Bremen, Germany to charge my credit card for the total amount of:

Signature

Date

.....



Contact Details Aeronautics Days 2006

More information on the conference website:
<http://www.aerodays2006.org/>

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