

Submission Deadline – May 31st, 2010

Your abstract will be sent to the Chairman of the Conference **Professor Dr. rer. nat. Klaus Schilling**, University of Würzburg.

The abstract should be in English and not exceed 3,000 characters. It should be submitted to rosalina.pahl@demat.com latest **May 31st, 2010**. It should contain the title of the paper, the name of the author, the academic title and affiliation, as well as the address, phone number and e-mail.

The abstract will be reviewed by the Scientific and Technical Committee of AIRTEC 2010. Authors will be notified about acceptance shortly after the deadline for submission. Accepted papers will be listed in the online conference preview. Authors will be invited to submit either a full technical paper, an extended four-page abstract or the presentation. The papers, extended abstracts and presentations will be made available (on CD) after the conference. All speakers will be required to be registered participants of the conference.

Key Dates

May 31st, 2010 Abstract submission deadline
June 30th, 2010 Notification of acceptance
Sept. 30th, 2010 Deadline for technical paper submission

Registration	3 Days	2 Days	1 Day	1/2 Day
Quick Bird ¹ Non-Exhibitors	€ 520,-	€ 440,-	€ 280,-	€ 200,-
Early Bird ² Non-Exhibitors	€ 700,-	€ 590,-	€ 380,-	€ 260,-
Standard Non-Exhibitors	€ 870,-	€ 740,-	€ 470,-	€ 330,-
Quick Bird ¹ Exhibitors ³	€ 470,-	€ 360,-	€ 230,-	€ 160,-
Early Bird ² Exhibitors	€ 630,-	€ 480,-	€ 310,-	€ 220,-
Standard Exhibitors	€ 790,-	€ 600,-	€ 390,-	€ 270,-
Speakers	€ 440,-	€ 330,-	€ 200,-	€ 130,-

Students €100,-

All prices include VAT

Delegate information:

The registration fee includes admission to the conference and to the exhibition, conference documentation, CD and refreshments. 1 day, 2 day, 3 day registration includes also lunch and a reception following the last lecture on the first conference day.

¹ Registration until June 31st, 2010

² Registration until August 31st, 2010

³ Your company must be an exhibitor at AIRTEC 2010 to qualify for the exhibitor registration rate

Scientific and Technical Committee

Chairman

Prof. Dr. rer. nat. Klaus Schilling, University of Würzburg, Germany

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Prof. Dr. J. de Lafontaine, President NGC Aerospace, Sherbrooke, Canada

Prof. Dr. A. Bukley, Associate Dean, Professor & SSP Director, Int. Space University, Illkirch, France

Venue

Exhibition Centre Frankfurt/Main, Germany

SPACE World Award

Innovative products and services of exhibitors of SPACE World will be awarded.

Conference Organiser

airtec GmbH & Co. KG – **Dipl.-Ing. Volker Schulze**, Managing Director

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1st International SPACE World Conference & Exhibition

From vision to commercial application

November 2 – 4, 2010

Exhibition Centre Frankfurt / Main
Germany



CALL FOR ABSTRACTS

Submission deadline: May 31, 2010



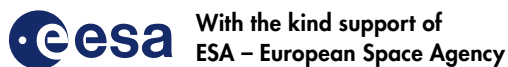
SPACE World Technologies and Missions

Programme

SPACE World will establish a meeting place for everyone involved in space technologies and missions. In 2010, we will meet for the first time during the AIRTEC exhibition in Frankfurt. As space activities will include more and more Earth observation, planetary exploration and spaceflight programs, **SPACE World** is one of the focal meeting points for science, industry, and users, be it governmental and nongovernmental. The 2010 conference will cover all aspects of space technology and challenges from the design and operation of satellites for Earth and planetary exploration to space flight operations, from structures to rocket engines, from sensors to data links, from communication to navigation and last but not least from operational aspects for transportation, logistics and safety.

We are looking forward to your highly esteemed contribution to **SPACE World 2010**. It will be our pleasure to welcome you and all other distinguished guests at the conference. The conference will be accompanied by an exhibition which will present design, structures, systems, sensors, safety and logistics related to space technologies and operations. The international Frankfurt exhibition centre is the ideal place for exchanging information, building partnerships and friendships.

We are looking forward seeing you at **SPACE World 2010**.



Sponsorship Opportunities

- Conference Lunch € 3,750,-
- Conference Coffee breaks € 2,500,-
- Delegate pack € 4,000,-

For sponsorship please contact:

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1st Day – Earth Applications

Keynote: Gael Winters, ESA Director of Operations and Infrastructure

Navigation

GPS, Glonass, Galileo • Atomic Clock • Terrestrial applications
• Operations and ground station equipment

Telecommunication

Satellite components • Ground segment and operations

Environment & Civil Protection

Global Monitoring for Environment and Security • Disaster monitoring • Border control • Remote sensing satellite operations and data distribution

Agriculture

Soil humidity • Crop yield control • Precision farming

Water Supply & Distribution

Desert water exploration • Pollution monitoring

2nd Day morning – Spaceflight

Keynote: Thomas Reiter, Member of the Executive Board of DLR, former ESA Astronaut

Human Spaceflight

Training for astronauts • Long-term stay in orbit • Logistics challenges for spaceflight to Mars

ISS

Columbus: Results, improvements for future laboratories • Payloads • Experiences and technical challenges

Launchers

Ariane-6: The next generation of the Ariane family • Sojus-ST in Kourou: safety systems for the rocket engine, missions and payloads • Vega: Reliability, rocket stages, missions and payloads

Visionary Projects

Lunar outpost, logistics challenges • Space tourism, preparation and logistics, safety aspects

2nd Day afternoon – Sun and Planetary Exploration

Lunar Exploration

Remote observation • Robotic exploration

Mars Exploration

Remote sensing • Robotic exploration • Future human spaceflight missions

Solar System Exploration

Sun, Mercury, Venus, Jupiter and its moons, Saturn and its moons, Uranus, Neptune

Astronomy Missions

Different spectral bands • Far objects • Physical constants/parameters

3rd Day – SPACE Technologies

Satellite Operations

Ground station infrastructure • Data collection and distribution

Advanced Satellite Technologies

Subsystems • Payloads

Pico- & Nano-Satellites

Miniaturized components • Missions and payloads • Applications of formations in telecommunication and Earth observation • Flight opportunities

Testing & Test Equipment

Static tests • Vibration tests • Physical tests

Space Technology Transfer

ESA business incubation • Commercial applications

Images provided by ESA, ESA - S.Corvaja, NASA, ESA – AOES Medialab, ESA / CNES / Arianespace / Optique vidéo du CSG – S. Martin 2009, ESA – P. Carril, ESA / DLR / FU Berlin (G. Neukum), ESA – A. Le Floc'h, Uni Würzburg