



AIRTEC
INTERNATIONAL AEROSPACE
SUPPLY FAIR

NOVEMBER 2 – 4, 2010

EXHIBITION CENTER
FRANKFURT / MAIN, GERMANY

Early Bird: Until September 15, 2010



Conference Programme and Registration Form

2nd International Conference HELI World

HELICOPTER Technologies and Missions

November 3 – 4, 2010, Frankfurt / Main, Germany

2nd International HELI World Conference

November 3 – 4, 2010, Frankfurt/Main, Germany
Status July 30, 2010

DAY 1, November 3, 2010 – Session A

- 09.00** **Check-in and coffee**
- 09.15** **Welcome Address of the Organizer**
Diana Schnabel / Volker Schulze
Exhibition Management, AIRTEC 2010
Welcome Address of the Conference Chairman
Professor Dr.-Ing. Stefan Levedag, DLR Braunschweig

HELICOPTER Technologies

- 09.30** **Technical Innovation as a Key Factor for Subsystem Suppliers in the Helicopter Market**
Keynote: Dr. habil. Konrad Joecks, ZF-Luftfahrttechnik GmbH, Germany
- 10.00** **The Hybrid Helicopter A Major Step Towards Efficiency and Flexibility**
Peter Jänker, EADS- Innovation Works, Germany
- 10.30** **Operational Improvements and Benefits through Advanced Rotor Control Technology**
Dr. Uwe T. P. Arnold, ZF-Luftfahrttechnik GmbH, Germany
- 11.00** **Coffee break in the Exhibition Area**
- 11.30** **Upgrade of the Transport Helicopter CH-53G with an Automatic Flight Control System**
K. Kampa, Eurocopter Deutschland GmbH, Germany
- 12.00** **Situational Awareness**
Udo Wobker, EADS Defence Electronics, Germany
- 12.30** **Lunch in the Exhibition Area**
- 13.30** **Application of Structural Health Monitoring over a Critical Helicopter Fuselage Component**
Andrea Manes, Politecnico di Milano, Italy
- 14.00** **CF/PEEK Development for Composite Components of the CH-53K internal Cargo Handling System**
A.M. Lizotte, Fiberforge Corporation, USA
- 14.30** **Lead Time and Cost Reduction with Shims: Strategic Clearance Compensation in Mechanical Assemblies**
Christoph Martin, Georg Martin GmbH, Germany
- 15.00** **Coffee break in the Exhibition Area**
- 15.30** **Innovations in Helicopter Research and Development**
Keynote: Dr. Keßler, DLR Braunschweig, Germany
- 16.00** **Case Studies into Recreating the Past and Shaping the Future**
Neil Cameron, University of Liverpool, United Kingdom

16.30 **Transmissions for Aviation – Products with Special Tribological Requirements**
Prof. Dr. Michael Weigand, Vienna University of Technology, Austria

DAY 2, November 4, 2010 – Session B

HELICOPTER Operations and new Concepts

09.00 **Check-in and Coffee**

9.30 **The Role of Army Aviation Helicopters in the German Armed Forces**
Keynote: Brigadier Reinhard Wolski, Commander German Army Aviation,
Commander Heeresfliegerwaffenschule Bückeberg, Germany

10.00 **USMC CH-53K – An Affordable and Capable Heavy Lift Helicopter Candidate for NATO's Future Transport Helicopter Program**
Jacques Virasak, Sikorsky Aircraft Corporation, USA

10.30 **Definition by Eurocopter of a Green Metric to Assess Gas Emitted by the Helicopters in Operation**
Nadine Dyrła, EUROCOPTER Deutschland GmbH, Germany

11.00 **The Man Machine Interface and Advanced Technologies Required to fly a Helicopter Safely in various DVE Conditions**
John H. Judge, Sikorsky Aircraft Corporation, USA

11.30 **Coffee break in the Exhibition Area**

12.00 **BA-609: World's first Civil Tiltrotor for Government and Commercial Applications**
Dr. James Wang, AgustaWestland, Italy

12.30 **Enabling Future Helicopter Missions by Teaming Manned and Unmanned Platforms**
Claudia Meitinger, ESG, Germany

13.00 **Lunch in the Exhibition Area**

14.00 **SMART 5 Inflatable Restraint and Rotor-Wing Crash Sensor System**
Thomas Rathmann-Ramlow, BAE Systems, Germany

14.30 **Air Rescue Needs and Benefits**
Stefan Becker, EHAC, Germany

15.00 **Models and Methods of the Telemetric Information Automatic Validation**
Prof. Igor Turkin, National Aerospace University of Ukraine, Ukraine

15.30 **Coffee break in the Exhibition Area**

16.00 **Note On Autogiro Technology**
Prof. Dr. Levedag, DLR Braunschweig, Germany

16.30 **Increasing Simulator Training Efficiency for Autogiro Applications**
Mrs. Insa Pruter, DLR Braunschweig, Germany

Registration Form

Return by fax: + 49 (0) 69 27 40 03 44

"HELI World"

2nd International Conference | November 03 – 04, 2010

airtec GmbH & Co. KG, P.O. BOX 70 01 64, 60551 Frankfurt / Main, Germany



Please register the following delegate:

Title, First name	
_____	_____
Surname	Job Title

Company/Organisation	

Department/Division	
_____	_____
Email	Web Site

Address	

Town	
_____	_____
Post Code	Country
_____	_____
Direct Telephone	Direct Fax

Mobile	

Registration Fees Conference

	Early Bird* Non-Exhibitors	Early Bird* Exhibitors**	Standard Non-Exhibitors	Standard Exhibitors**	Speakers
2 Days Registration	<input type="checkbox"/> € 450,-	<input type="checkbox"/> € 400,-	<input type="checkbox"/> € 600,-	<input type="checkbox"/> € 450,-	<input type="checkbox"/> € 400,-
Students and governmental institutions €100,-					
All prices include VAT					
Delegate information: The registration includes admission to the conference and to the exhibition, conference documentation, CD and refreshments and lunch for the 2 days conference. Please ask for sponsoring possibilities.					
*Registration until September 15, 2010 **Your company must be an exhibitor at AIRTEC 2010 to qualify for the exhibitor registration rate.					

Full registration fee is due prior to the start of the conference.
Cancellations: All cancellations must be made in writing to the above mentioned address. Cancellations received 4 weeks prior to the start of the event will be refunded in full. For cancellations received after this time or for failure to attend, no refunds will be given. The organizers reserve the right to change the programme. I agree to be bound to the General Terms and Conditions of airtec GmbH & Co. KG

Signature:	Date:

Sponsorship Order Form

There are many opportunities to present your company at the conference as sponsor. We would be pleased to discuss additional individual sponsorship opportunities with you. Please call us at +49 (0) 69 27 40 03-15 or send an E-Mail: conferences.airtec2010@demat.com

Overview sponsorship opportunities (Please tick as appropriate)

Conference Lunch: including company name or logo in the session rooms, in the conference programme and our website.
 € 3,700

Conference Coffee Breaks: including company name or logo in the session rooms, in the conference programme and our website.
 Per day: € 2,500

Delegate pack: including company name or logo in the session rooms, in the conference programme and our website.
 € 4,000

For sponsorship please contact:
airtec GmbH | Co. kg
Frankfurt/Main, Germany
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Phone +49 (0) 69 27 40 03 43

Requirements on the Conference Folders: The conference folders should be suitable for DIN A4 print material. The sponsor logo as well as the AIRTEC logo will be placed on the cover.

All prices are stated plus VAT (19%).
More branding opportunities are possible in agreement with the organiser. All additional costs for logo presentation and advertising material will be assumed by the sponsor.

Desired Sponsorship		

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Sponsorship offerings and prices are subject to change. airtec GmbH & Co. KG reserves the right to develop additional sponsorship opportunities. No cancellation of refunds once sponsorship has been confirmed. Same sponsorship opportunity request: First-come first-served rules apply (submissions will be dated upon receipt). I agree to be bound to the General Terms and Conditions of airtec GmbH & Co. KG		

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