

EUROPEAN SPACE TECHNOLOGY TRANSFER CONFERENCE 2007

October 16 - 17, 2007
New Munich Trade Fair Centre, Entrance North

powered by:



The Space you need to get your business off the ground

Can you imagine the power required to deliver Europe's largest satellites into orbit? The Ariane 5 launcher, for example, has over 16,000 horsepower - the equivalent of two of France's high speed TGV trains travelling at maximum speed. Extremely intense noise, vibration and heat are generated during launch requiring solutions that offer an exceptionally robust architecture and extraordinary materials. Today, these same solutions are used in vibration absorbers for earthquake-proof houses as well as thermal insulation in racing cars. The transfer of advanced space technology to non-space applications brings significant benefits.

At the European Space Technology Transfer Conference organized by the MunichExpo and co-organised by the European Space Agency and The Bavarian Ministry of Economic Affairs, Infrastructure, Transport and Technology, you can learn just how this is achieved.

Examples of successful transfers of space technology to sectors such as Automotive, Medical, Energy, Textile, Security and Robotic will be discussed. Key note speakers from the European Space Agency and NASA will explain the advances that come out of their pioneering work in space exploration. Prof. Dr. Ulrich Walter, Head of Chair of Astronautics at Technical University of Munich and former German astronaut, will conclude the first day with some first hand experience of the complexities of engineering spacecraft.

If you are an industry representative who is looking for high technology solutions or a member of the space industry looking to exploit your technology, don't miss this unique opportunity to explore the opportunities available from space technology.



www.estt-conference.com

AT A GLANCE

TITLE

„European Space Technology Transfer Conference 2007“

DATE

October 16 - 17, 2007

LOCATION

New Munich Trade Fair Centre, Entrance North

LANGUAGE

English

COST

€ 495,00 plus VAT, incl. beverages, coffee breaks, lunch, evening event, free entry to the specialist trade fairs MATERIALICA and COMPOSITES 2007 as well as one free copy of all congress documentation.

The following areas will be covered:

- > Automotive
- > Health
- > Energy
- > Environment
- > Materials
- > Security
- > Sensors
- > Sport
- > Textiles

The conference provides industry representatives with:

- > access to technological advantages for your enterprise
- > application focused high tech solutions
- > exclusive contacts with potential partners worldwide
- > advice on how to turn new technology into a commercial competitive advantage
- > the chance to learn from previous successful transfers of space technology to the non-space sector
- > future prospects

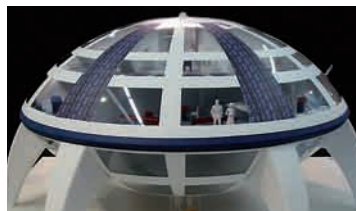
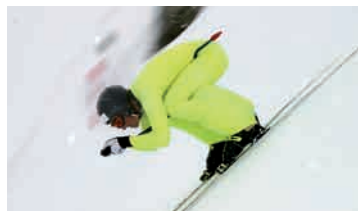
Homepage

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AGENDA Tuesday, October 16, 2007

Time	Topic and Speaker
from 8:00	RECEPTION AND REGISTRATION North Entrance Munich Trade Fair Centre, Entrance North
Opening	
9:00 - 9:20	Welcome: Bavarian Government
9:20 - 9:40	Setting the Scene: European Space Agency Technology Transfer
Key Notes 1 & 2	
9:40 - 10:10	Robotics in Space and Terrestrial Applications Prof. Dr. Gerd Hirzinger, DLR Deutsches Zentrum für Luft- und Raumfahrt e.V., Institute of Robotics and Mechatronics (D)
10:10 - 10:40	Portable Radiation Detector Dr. David Ramsden, Symetrica (UK)
10:40 - 11:00	Coffee Break

Time	Topic and Speaker	Topic and Speaker
Materials / Technics		Automotive
11:00 - 11:30	X-ray Detector Technology Transfer from Space to Industrial Applications Heikki Sipilä, Oxford Instruments Analytical OY (FIN)	From engine ignition to cold gas generation - a spin-off strategy Len van der Wal, TNO Space (NL)
11:30 - 12:00	Light Weight Milling Techniques Roland Halfwerk, ASTRON (NL)	Serial production of the rear bonnet of the Lamborghini Gallardo Spyder in CFRP / RTM-Technique Dipl.-Ing. Günther Dressler, ACE Advanced Composite Engineering GmbH (D)
12:00 - 12:30	Thermal Spraying for Advanced Coatings Dr. Robert Lundberg, Volvo Aero Corporation (S)	Piezo-electric Transducers - Multifunctional Components for Smart Structures in Automotive Application Dr. Henning Wichmann, INVENT GmbH (D)
12:30 - 13:30	Lunch	
Materials		Environment / Energy
13:30 - 14:00	Amorphous Metals: a successful Tech Transfer from Space to European Industry Nicola Belli, MaTech - Materiali Innovativi (I)	High Quality Solar Powered Wireless Speakers using Space Power Management Systems Aonghus O'hEocha, O'hEocha Design Ltd. (IRL)
14:00 - 14:30	POLYMET - Innovative Three Dimensional Material for Hightech Applications Helga Kollmann, PLATINGTECH Kollmann & Co. GmbH (A)	Arc Jet Thrusters for Exhaust Gas Treatment Bernd Glocker, PlasmaAir AG (D)
14:30 - 15:00	EXTREMAT - Extreme resistance materials from space to fusion Prof. Javier Narciso, Alicante University (E)	Hydrogen Storage Technologies for Mobile Terrestrial Application Franz Grafwallner, ET Energie Technologie GmbH (D)



EUROPEAN SPACE TECHNOLOGY TRANSFER CONFERENCE

AGENDA Tuesday, October 16, 2007

Time	Topic and Speaker	Topic and Speaker
Health / Safety		Textiles / Sport
15:00 - 15:30	Gene Chip Imaging Device George Fraser, University of Leicester (UK)	Vibration Absorption using advanced materials for sport equipment Ettore Rossini, Extreme Materials S.r.l. (I)
15:30 - 16:00	Scaling Index Method - Examples from the Fields of Medical Diagnostics Dr. Wolfram H. Bunk, Max-Planck-Institute for Extraterrestrial Physics (D)	Smart Reinforcements for Personal Protective Equipment Stefano Agostinetti, AGV S.p.A. (I)
16:00 - 16:30	Space Drinking Water Biofinder Mikel Areso, BIOFINDER, SL (E)	Phase Changing Material from Space Suits to Standard Textile Eric Devaux, ENSAIT (F)
16:30 - 16:40	Coffee Break	
Key Note 3		
16:40 - 17:20	The challenges of Space Exploration Prof. Dr. Ulrich Walter, Former Astronaut, Technical University of Munich, Institute of Astronautics	
17:20 - 17:30	Discussion + Questions + Closing	
from 18:00	Evening event in the traditional bavarian restaurant „Der Pschorr“	

AGENDA Wednesday, October 17, 2007

Time	Topic and Speaker
Opening	
9:00	Introduction: ESA Technology Transfer
Key Notes 4 - 6	
9:10 40min+ 10min Qs	NASA Technology Transfer - International co-operation projects Douglas A. Comstock, Director Innovative Partnerships Program Office NASA
10:00 40min+ 10min Qs	Turning Space Technology into Business Members from the ESA business incubation partner network
10:50 40min+ 10min Qs	Future Transfer Opportunities Dr. Peter Hofmann, Kayser-Threde GmbH
11:40	Panel Discussion + Closing

ELIGIBILITY REQUIREMENTS

Terms of payment / participation fee

The participation fee plus VAT is due upon receipt of the invoice by the participant, or the latest 14 days before the start of the congress.

Cancellation / alteration of booking arrangements

If cancellation of registration is received up to 50 days before the congress, no cancellation fee will be charged. In cases in which a cancellation is received less than 50 days but no later than 30 days before the beginning of the congress, a service fee of 50% of the participation fee will be charged. If attendance is cancelled at a later date, the whole of the participation fee will be charged unless proof can be provided, to show that the amount of the loss or expense incurred differs from such a charge. Cancellations have to be made in writing. Changes in the booking arrangements (nomination of substitute participants) can be made at any time. In this case, a fee of € 50 (ex VAT) will be due. These fees will not apply if the change in the booking arrangements has occurred for reasons for which MunichExpo Veranstaltungen GmbH is responsible.

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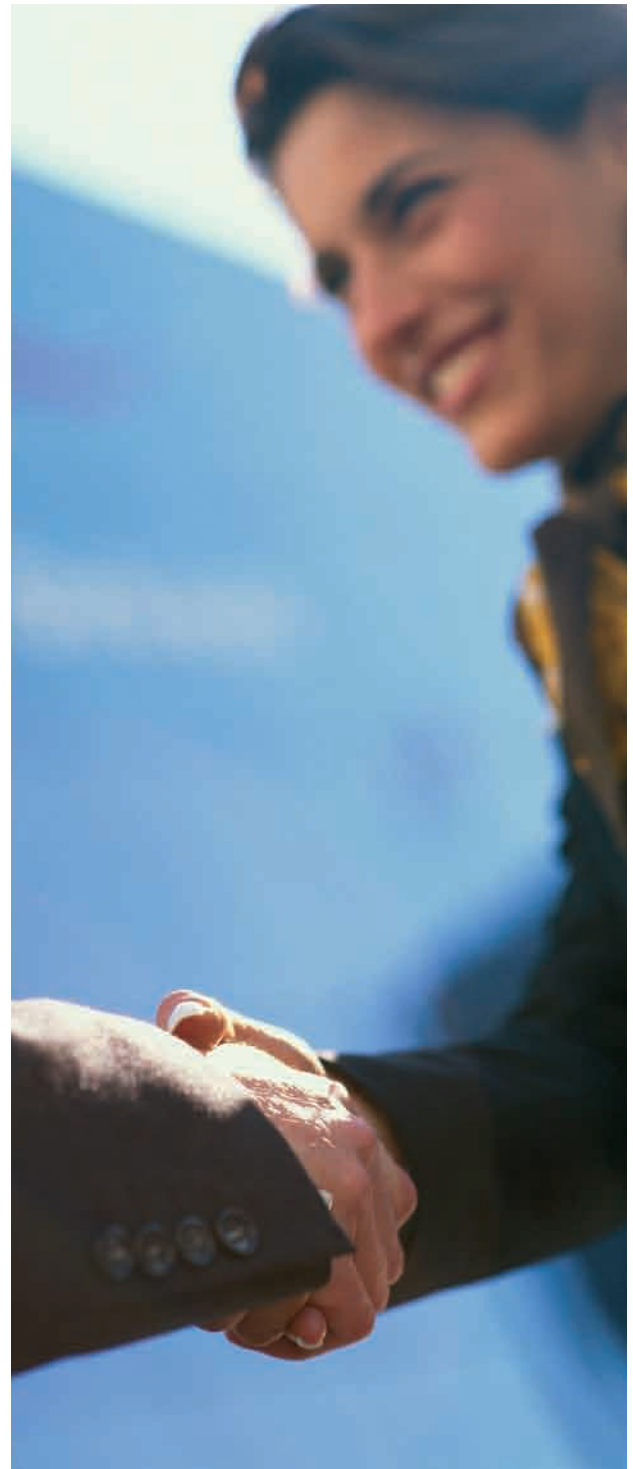
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Please fill out one application per participant.

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INDIVIDUAL CONGRESSES

- „Composites in Automotive & Aerospace“**
3rd COMPOSITES Congress
October 17 + 18, 2007, New Munich Trade Fair Centre
€ 965,00 plus 19% VAT
- „Innovative light construction with metal“**
1st MATERIALICA metal light construction congress
October 17 + 18, 2007, New Munich Trade Fair Centre
€ 965,00 plus 19% VAT
- „European Space Technology Transfer Conference“**
October 16 + 17, 2007, New Munich Trade Fair Centre
€ 495,00 plus 19% VAT
- „Nano & Bionik – innovative impulses for product design“**
2nd MATERIALICA Corporate Forum Design
in cooperation with bayern design
October 16, 2007, New Munich Trade Fair Centre
€ 495,00 plus 19% VAT
€ 190,00 plus 19% VAT (Institutes and Universities)
- „Innovative and sustainable surface properties“**
1st MATERIALICA Surface Congress
October 18, 2007, New Munich Trade Fair Centre
€ 495,00 plus 19% VAT
- „Composites and Environment in Boatbuilding“**
1st COMPOSITES S.A.T. Conference 2007 in cooperation with
the Octiman Association and Via Mare
October 16, 2007, New Munich Trade Fair Centre
€ 140,00 plus 19% VAT

PACKAGE OFFER

- „Composites in Automotive & Aerospace“
and „Metal Light Construction“**
Access to the congresses “Composites in Automotive &
Aerospace” and “Innovative light construction with metal”
October 17 + 18, 2007, New Munich Trade Fair Centre
€ 1.190,00 plus VAT
- „3-Day Combination Ticket“**
Compile your individual 3-day congress:
The 3-day combination ticket grants you free access to all
MATERIALICA and COMPOSITES congresses listed above.
You are free to decide which presentations you wish to attend.
€ 1.490,00 plus VAT

I have read the general conditions on participation indicated to
the left and agree with all terms and conditions.

Company stamp / signature

Place / date