



MULTIPROTECT
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MUST



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Accommodation Information

(for discount price inform that you are attending the MULTIPROTECT & MUST workshop)

EADS Deutschland GmbH

NH Hotel Muenchen Airport (**) (130 Euro / night)**

Address: Lohstrasse 2
85445 Schwaig, Germany

Tel: 0049 8122 967605

Fax: 0049 8122 967100

E-mail: meetings.nhmuenchenairport@nh-hotels.com

Contact Person: Michael Polster,
Banquet Assistant

Travel Information

By Car:

From North/South/West

Take the motorway A9 to the intersection 'Neufahrn' and transfer to the A92 direction Munich-Airport. Leave the A92 at the exit "Munich Airport" and cross the airport area by following the sign "Erding/ Schwaig". Take the next exit "Schwaig" after the airport and turn right towards the village Schwaig. You find the hotel at the first roundabout at the right side.

From East

Leave the motorway A92 Deggendorf - Munich at the exit "Erding" and follow the sign to the town "Erding". After 4 km take the exit on the right and follow the sign to "Munich Airport". Leave this street at the next exit in the direction of "Schwaig". You find the hotel at the first roundabout at the right side.

By Subway

Take the subway N° 1 or 8 (every 10 min) direction to 'Munich Airport'. Leave the train at 'Munich Airport Central Area'. Driving time is about 45 min. To continue to the hotel please take the hotel-shuttle bus for EUR 8,00 per person and run or a taxi.

Taxi from the Airport to the hotel

Taxis are available at all terminals at the airport. The distance between hotel and airport is about 4 km. The hotel does not redempt any cost for taxis in case the shuttle is fully booked.

NH-Shuttle Service

The NH Shuttle operates between 5:30 a.m. and 10:30 p.m. between the hotel and the airport.

Free of charge registration is available at
<http://www.multiprotect.org> or
<http://www.must-eu.com>

Registration (free of charge)

(Registration forms should be sent to:
FAX: 0049 681 95923370)

Name:

Address:

Company:

City:

Post Code:

Country:

E-mail:

Number of attendees:

Number of attendees brewery tour:

Acknowledgements:

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Tel: 0049 681 95923362

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SINTEF
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0314 Oslo
Norway

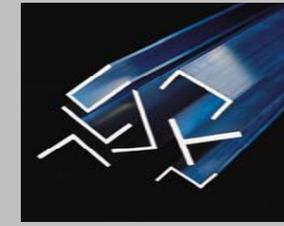
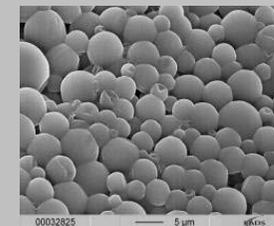
Contact Person: Christian Simon
Tel: 0047 9381 1275



Advanced concepts in corrosion protection for light weight alloys and steel using Cr(VI) free nanostructured hybrid coatings

The main achievements and results of the EU project MULTIPROTECT after almost 4 years of research and development

The aim and strategy of the EU project MUST



EADS Germany

NH Hotel,
NH Munich Airport
Lohstrasse 2
85445 Schwaig, Germany

21.-22. January 2009
Munich, Germany



MULTIPROTECT (Contract N° NMP3-CT-2005-011783)



Due to environmental, health and economic considerations there is a strong need, today, to replace the presently used hazardous coating technologies, and to improve the use of light weight materials.

Over the last 4 years, the EU project MULTIPROTECT has aimed at the development of new corrosion resistant coatings for protection of aluminium, magnesium and steel parts, by using clean and environmentally friendly processes based on sol-gel chemistry, galvanic processes and conductive polymers.

During this period, the European consortium of MULTIPROTECT has developed several nano-structured coating materials, and the most promising were up-scaled and transferred to the industrial project partners for application and testing on demonstrator parts comparable to parts taken from production. From these developments, new market opportunities are expected for the aerospace and for the automotive industries as well as for coatings producers and coatings end-users.

During this event, the outcomes of scientific activities, demonstrators and respective test results will be presented, either as oral presentations or in an exhibition and the opportunity to discuss the results with involved industrial partners and testers will be possible.



MUST (Contract N° NMP3-LA-2008-214261)



The project MUST aims at providing new technologies based on active multi-level protective systems for future vehicle materials. "Smart" release nanocontainers will be developed and incorporated in commercial paints, lacquers and adhesive systems to prepare new products exhibiting self-healing properties.

A multi-level self-healing approach combines - in a same system - several damage prevention and reparation mechanisms, which will be activated in response to environmental conditions.

The main objective of MUST is to design, develop, test and apply coated materials and adhesives used as novel multi-level protection systems for future vehicles. The new active protection systems will be based on different types of "smart" nanocontainers incorporated in polymer matrixes and adapted to the level of protection. These systems will result in a radical improvement of the long-term performance of metallic or polymer substrates.

Wednesday 21 January 2009

Venue: NH Hotel,
NH Munich Airport
Lohstrasse 2
85445 Schwaig, Germany

09:30 – 10:30 **Registration**

10:30 – 10:40 **Welcome** - Objectives of the Workshop,
Theo Hack,
EADS Munich, Germany

10:40 – 10:55 **Introduction to Multiprotect**,
Matthias Wittmar,
INM Saarbruecken, Germany

10:55 – 11:10 **Introduction to MUST**,
Mikhail Zheludkevich,
University of Aveiro, Portugal

Workshop lectures

Session-1:
11:10 – 12:30 **Multiprotect Part 1:**
Presentation of project results, demonstrators and results of demonstrator testing (Plenary)

12:30 – 14:00 **Lunch break**

Session-2:
14:00 – 15:20 **MUST Part 1:**
Objectives and approaches for multilevel protection (Plenary)

15:20 – 15:40 **Coffee & tea break**

Session-3:
15:40 – 17:15 **Working Session:**
Gathering Ideas for Application, Exploitation of Results, Challenges for Surface Protection in Transportation Industry Expectation from industry, challenging science,?
Representatives from Automotive, Aerospace, Marine, Railway industry

Closing Day 1
17:30 **Departure for brewery tour**
"Brauerei Erding" – Beer degustation and snacks

Ca. 22:00 **Return to hotel** – Snack (Optional)

Thursday 22 January 2009

Venue: NH Hotel,
NH Munich Airport
Lohstrasse 2
85445 Schwaig, Germany

09:00 – 09:15 **Summary of Day 1**

Session-4:
09:15 – 11:00 **Multiprotect & MUST:**
Exhibition session with the presentation of demonstrators and Poster Exposition

Session-5:
11:00 – 12:45 **Podium Discussion**
Reflexion of the working session

12:45 – 13:00 **Closing remarks**
(with EC representative)

13:00 – 14:00 **Buffet lunch**

