



# First Announcement



**Not Fiction: Thermal Spray the Key Technology in Modern Life!**  
May 21 – 23, 2014 Barcelona / Spain

[www.dvs-ev.de/itsc2014](http://www.dvs-ev.de/itsc2014)

Organizers



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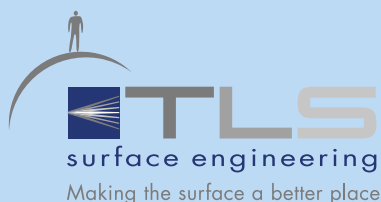


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## WELCOME TO ITSC 2014 IN BARCELONA

Barcelona has always been a crossroads between the land and the sea. Through the centuries, the two have been melted and mixed into some of the most important cultural aspects of the Mediterranean. These ancient civilizations remain prevalent in the area through the artistic and historic displays of architecture, art, and culture.

Today, Barcelona is a modern, cosmopolitan city, with many dynamics. It is a comfortable city made of the people for the people.

The climate, the short walking distances and the great network of public transportation are all luxuries available to all citizens of and visitors to Barcelona.

It is a welcoming city for anyone who wishes to study, research or enjoy life. To live in Barcelona is an unforgettable experience, full of culture, traditional foods, and a wide range of possibilities for your professional and personal life.

ITSC 2014 will take place in the Palau de Congressos de Catalunya, situated in the north-west of Barcelona near the University (Thermal Spray Centre).

DVS – German Welding Society and its partner ASM – Thermal Spray Society together with the local support of “Thermal Spray Centre” organized one of the best ITSCs ever in a fascinating city.

The Program Committee focused the conference program also on end users in a very application-orientated form. Thermal Spray in Aviation Industry, Power Generation or Novel Industrial Applications for example will offer the latest information for our technology.

With the Session “Young Professionals”, ITSC will keep treading the successful path, supporting new experts becoming part of the thermal spray family.

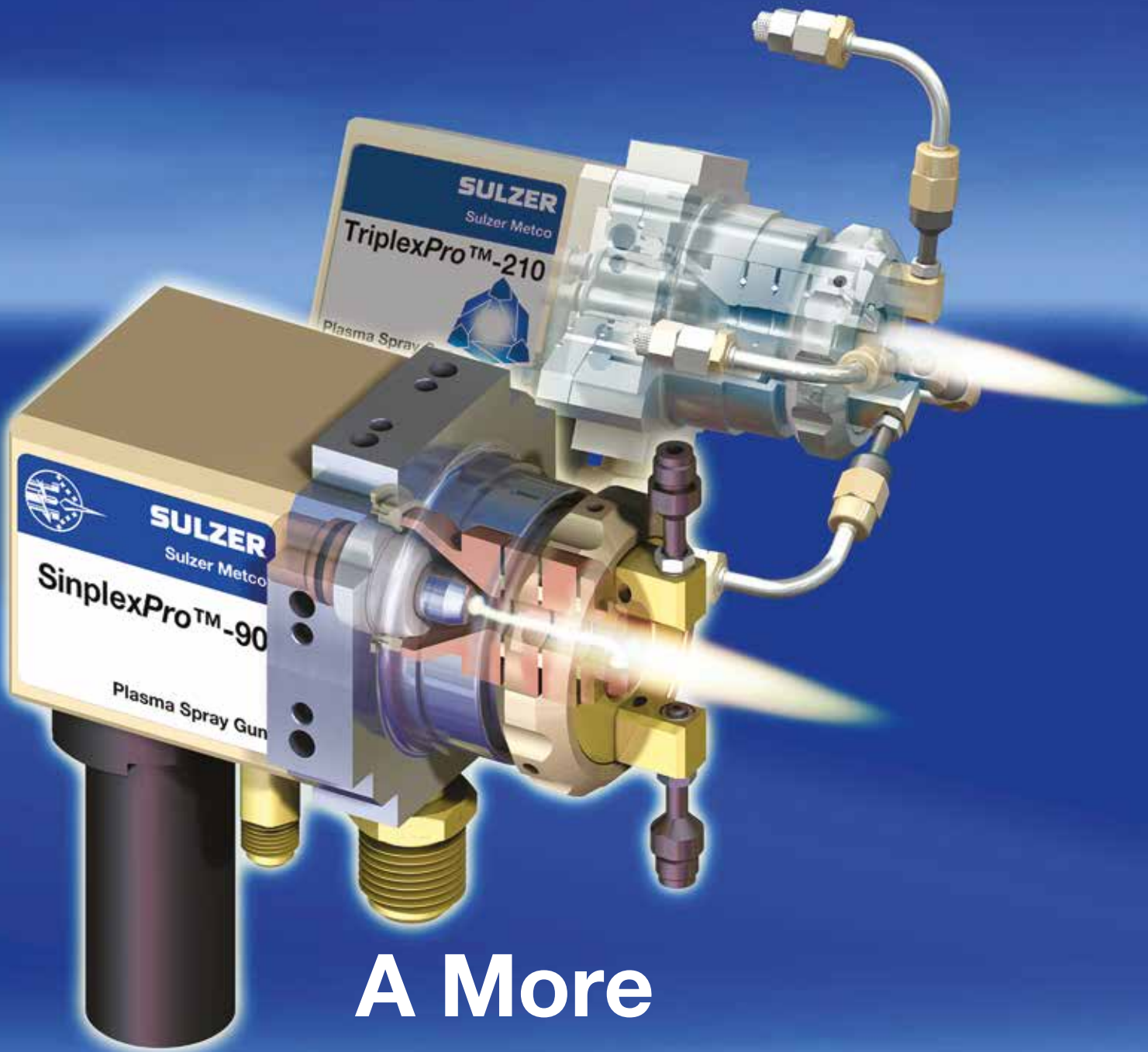
With the “Industrial Forum”, all practically interested experts will be addressed to get the latest information. The “Industrial Forum” will be free of charge and open to all visitors to the Expo.

With the Exposition, ITSC 2014 will fulfill its excellent comprehensive information and networking opportunities. Over 60 companies will participate as exhibitors.

Come and enjoy countless fascinating experiences at ITSC 2014 in Barcelona!

Jens Jerzembeck  
Head of Research and Technology  
DVS – German Welding Society





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Want to know more? Don't miss our Cascading Arc paper at the Industrial Forum, or talk to us at **Booth #A05** at ITSC 2014.



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SPONSORING  
WELCOME TO ITSC 2014 IN BARCELONA

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# CONFERENCE

## ITSC 2014

The ITSC 2014 conference is an opportunity for the global thermal spray community to meet, exchange information and conduct business. The annual event in the world of thermal spray technology presents the latest advancements in application, research and development in the field of thermal spray.

To complement the technical program, a three-day exposition featuring an Industrial Forum as well as a Poster Session will take place.

**Please mark your calendar for the special ITSC 2014 events:**

### **Opening of ITSC 2014 with Awards Ceremony and Plenary Lectures**

Wednesday, May 21, 2014, 09:00,  
Palau de Congressos de Catalunya, Hall H1 & Hall H2

### **Opening of the ITSC 2014 Exposition and Poster Session**

Wednesday, May 21, 2014, 12:30,  
Palau de Congressos de Catalunya, Foyer

### **Exhibitor Reception and Poster Session**

Wednesday, May 21, 2014, 17:40,  
Palau de Congressos de Catalunya, Foyer, Hall J, Hall B1 – B3

### **ITSC 2014 Awards Banquet**

Thursday, May 22, 2013, 20:00,  
Can Margí

### **Organization**

DVS – German Welding Society  
Simone Mahlstedt / Brigitte Brommer  
Aachener Str. 172  
40223 Düsseldorf / Germany  
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tagungen@dvs-hg.de

### **Specialist Information**

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### **ITSC 2014 Venue**

Palau de Congressos de Catalunya  
Garden Entrance  
Hall 1, Hall 2, Hall 3, Hall A, Hall B1 – B3,  
Hall F, Foyer (Level -1)  
Av. Diagonal, 661-671  
08028 Barcelona / Spain  
(next to the Hotel Rey Juan Carlos I)

## CONFERENCE COMMITTEES AND ENDORSING SPONSORS

### General Chairs

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### Host Organizers

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I. Garcia-Cano	Thermal Spray Centre, University of Barcelona (E)
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### ASM/TSS Representatives

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K. Bobzin	RWTH Aachen University (DE)
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X. Huang	TSCC Thermal Spray Committee of Chinese Surface Engineering Association (CN)
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C. Lee	Hanyang University (KR)
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R. S. Lima	National Research Council Canada (CA)
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P. Vuoristo	Tampere University of Technology (FI)
W. Wong	Sulzer Metco, Ltd. (US)
G. Wuest	Sulzer Metco, Ltd. (US)
R. Vaßen	Forschungszentrum Jülich GmbH (DE)
T. Yoshida	The University of Tokyo (JP)
D. Zhu	NASA (US)

### Endorsing Sponsors

◆ Ajuntament de Barcelona (E) ◆ Asian Surface Technologies, PTE. Ltd (SG) ◆ BIL Belgisch Instituut voor Lastechniek (BE) ◆ CESOL Centro Español de la Soldadura (E), ◆ CEREM/CEA (FR) ◆ Commission of the European Community (BE) ◆ DGO – Deutsche Gesellschaft für Galvano- und Oberflächentechnik e. V. (DE) ◆ DGM – Deutsche Gesellschaft für Materialkunde e. V. (DE) ◆ DKG – Deutsche Keramische Gesellschaft e. V. (DE) ◆ DVS – Research Association (DE) ◆ Generalitat de Catalunya (E) ◆ GTS – Gemeinschaft Thermisches Spritzen e. V. (DE) ◆ HTS – High Temperature Society of Japan (JP) ◆ International Thermal Spray Association (US) ◆ Japan Thermal Sprayers Association (JP) ◆ JTSS – Japanese Thermal Spray Society (JP) ◆ SEMAT Sociedad Española de Materiales (E) ◆ TSCC Thermal Spray Committee of Chinese Surface Engineering Association (CN) ◆ Thermal Spray Centre /CPT), University of Barcelona (E) ◆ TSSEA – Thermal Spraying & Surface Engineering Association (GB) ◆ TWI The Welding Institute (GB) ◆ VDI Verein Deutscher Ingenieure (DE) ◆ VTS – Vereniging voor Thermische Spuittechnieken (NL) ◆ ZMB – Zentrum Metallische Bauweisen e. V. RWTH Aachen (DE)

# TIME SCHEDULE ITSC 2014 CONFERENCE AND EXPOSITION (Session Overview)

12:30 – 20:00 ITSC 2014 Exposition, Palau de Congressos de Catalunya, Foyer, Hall J

Wednesday, May 21, 2014				
Time	Hall H1 & Hall H2	Hall H3	Hall A	Hall F
09:00	<b>Opening:</b> <ul style="list-style-type: none"> <li>■ Welcome</li> <li>■ Awards Ceremony</li> <li>■ Plenary Lectures</li> </ul>			
10:30	Coffee Break, Palau de Congressos de Catalunya, Foyer, Hall J			
10:50	Aviation Industry 1	Properties Characterization & Testing Methods	Plasma Spraying 1	Cold Gas Spraying 1
12:30	<b>Opening of the ITSC 2014 Exposition and Poster Session, Palau de Congressos de Catalunya, Foyer</b> <b>Poster Session, Palau de Congressos de Catalunya, Hall B1 – B3</b>			
12:40	Lunch Break, Palau de Congressos de Catalunya, Foyer, Hall J			
14:00	Automotive Industry 1	Power Generation – Industrial Gas Turbines 1	Comparison Thermal Spraying vs. other Surface Technologies	Suspension Spraying 1
15:20	Coffee Break, Palau de Congressos de Catalunya, Foyer, Hall J			
15:40	“Young Professionals” with Sulzer Metco Young Professionals Award			
17:40	End of ITSC 2014 Conference Program			
17:40	<b>Exhibitor Reception, Palau de Congressos de Catalunya, Foyer, Hall J, Hall B1 – B3</b> <b>Poster Session, Palau de Congressos de Catalunya, Hall B1 – B3</b>			

09:00 – 17:00 ITSC 2014 Exposition, Palau de Congressos de Catalunya, Foyer, Hall J

Thursday, May 22, 2014					
Time	Hall H1	Hall H2	Hall H3	Hall A	Hall F
09:00	Aviation Industry 2	Ceramic Coatings 1	Modeling & Simulation 1	Cold Gas Spraying 2	Industrial Forum
10:20	Coffee Break, Palau de Congressos de Catalunya, Foyer, Hall J				
10:40	Automotive Industry 2	Power Generation – Industrial Gas Turbines 2	Wear Protection	HVOF- / HVOF-Spraying	Industrial Forum
12:40	Lunch Break, Palau de Congressos de Catalunya, Foyer, Hall J <b>Poster Session, Palau de Congressos de Catalunya, Hall B1 – B3</b>				
13:40	Novel Industrial Applications	Powders, Wires, Suspensions	Cold Gas Spraying 3	Plasma Spraying 2	Industrial Forum
15:40	Coffee Break, Palau de Congressos de Catalunya, Foyer, Hall J				
16:00	Power Generation – Fuel Cells & Solar	Modeling & Simulation 2	Arc Spraying & Laser Spraying	Quality, Environment, Health & Safety	Industrial Forum
17:20	End of ITSC 2014 Conference Program				
20:00	<b>ITSC 2014 Awards Banquet, Can Margí</b>				

09:00 – 16:00 ITSC 2014 Exposition, Palau de Congressos de Catalunya, Foyer, Hall J

Friday, May 23, 2014					
Time	Hall H1	Hall H2	Hall H3	Hall A	Hall F
09:00	Aviation Industry 3	Power Generation – Steam	New Processes	Medical Industry 1	Industrial Forum
10:20	Coffee Break, Palau de Congressos de Catalunya, Foyer, Hall J				
10:40	Corrosion Protection	Tribological Coatings	Pre- & Post-Treatment	Process Diagnostics, Sensors & Controls	Industrial Forum
12:40	Lunch Break, Palau de Congressos de Catalunya, Foyer, Hall J <b>Poster Session, Palau de Congressos de Catalunya, Hall B1 – B3</b>				
13:40	Ceramic Coatings 2	Cold Gas Spraying 4	Medical Industry 2 / Metal Coatings	Suspension Spraying 2	
15:40	End of ITSC 2014 Conference Program				

The complete technical program of ITSC will be available online at the end of January 2014 – see: [www.dvs-ev.de/itsc2014](http://www.dvs-ev.de/itsc2014)





## POSTER SESSION / INDUSTRIAL FORUM

### Poster Session

During the ITSC 2014 event a Poster Session will be held.

#### Opening of the Poster Session

Wednesday, May 21, 2014, 12:30, Palau de Congressos de Catalunya, Foyer

#### Poster Session during the Exhibitor Reception

Wednesday, May 21, 2014, 17:40, Palau de Congressos de Catalunya, Hall B1 – Hall B3

The poster presenters will be available for discussion in Hall B1 – Hall B3 scheduled as follows:

Wednesday,	May 21, 2014,	12:30 – 14:00 (17:40 – 20:00 during the Exhibitor Reception)
Thursday,	May 22, 2014,	12:40 – 13:40
Friday,	May 23, 2014,	12:40 – 13:40

In addition further contacts with the authors can be arranged.

The complete Poster Session program of ITSC will be available online at the end of January 2014 – see: [www.dvs-ev.de/itsc2014](http://www.dvs-ev.de/itsc2014)

### Industrial Forum

The Industrial Forum will take part during ITSC 2014 in the Palau de Congressos de Catalunya, Hall F. Invited companies will present on industry related topics and products during conference and exposition hours.

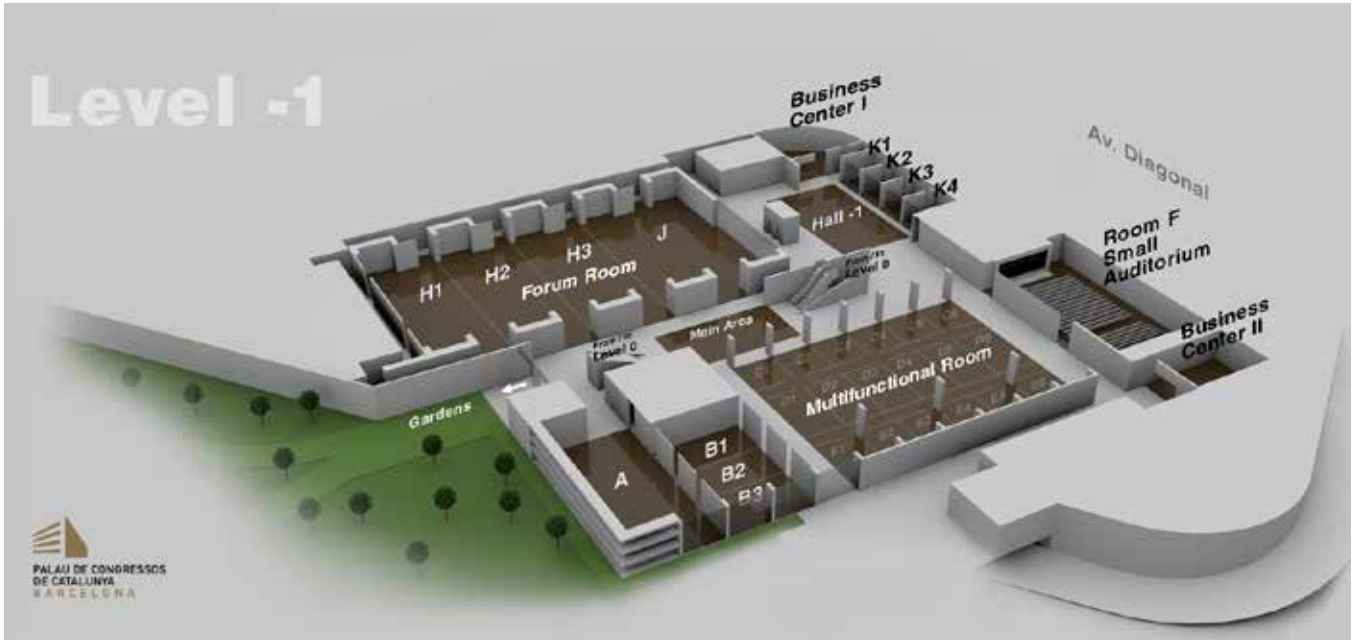
All presentations are given in English and are limited to 20 minutes including question & answer (Q&A).

#### Forum Hours:

Thursday,	May 22, 2014,	09:00 – 17:00
Friday,	May 23, 2014,	09:00 – 13:00

The complete Industrial Forum program of ITSC will be available online at the end of January 2014 – see: [www.dvs-ev.de/itsc2014](http://www.dvs-ev.de/itsc2014)

## Floor Plan – Palau de Congressos de Catalunya





## EXPOSITION

Concurrent with the conference, the ITSC 2014 Exposition, organized by Messe Essen GmbH, will take place in the Palau de Congressos de Catalunya, Hall J and Foyer.

### Opening of the ITSC 2014 Exposition

Wednesday, May 21, 2014, 12:30, Palau de Congressos de Catalunya, Foyer

### Exhibitor Reception

Wednesday, May 21, 2014, 17:40, Palau de Congressos de Catalunya, Hall J and Foyer, Hall B1 – B3

### Exposition Hours:

Wednesday, May 21, 2014, 12:30 – 20:00 (17:40 – 20:00 during the Exhibitor Reception)

Thursday, May 22, 2014, 09:00 – 17:00

Friday, May 23, 2014, 09:00 – 16:00

### Expo Only

Day-Ticket EUR 20

Unlimited Pass EUR 45

Further information: [ITSC@messe-essen.de](mailto:ITSC@messe-essen.de)



### Contacts ITSC 2014 Exposition

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F +49. (0)201. 7244-555  
[christiana.klein@messe-essen.de](mailto:christiana.klein@messe-essen.de)

## Exhibitor List

(Status: December 2013)

### Exhibitor

Above Material Technology Co., Ltd.  
Air Products PLC  
AMT AG advanced materials technology  
Ardleigh Minerals, Inc.  
ARTEC S.p.A.  
ASM International  
C&M Technologies GmbH  
Castolin Eutectic  
Cincinnati Thermal Spray  
Coherent (Deutschland) GmbH  
DeWAL Industries, Inc.  
DIAMANT Metallplastic GmbH  
DURUM Verschleiss-Schutz GmbH  
DVS – German Welding Society  
Flame Spray Technologies BV  
Global Tungsten & Powders Corp.  
Green Belting Industries Limited  
GTS e. V. (Association of Thermal Sprayers)  
GTV Verschleißschutz GmbH  
H.C. Starck GmbH  
Höganäs AB  
Imerys Fused Minerals  
IMPACT INNOVATIONS GMBH  
INNOVNANO  
International Thermal Spray Association ITSA  
Kermetico, Inc.  
LSN Diffusion Limited  
MBN Nanomaterialia S.p.A.  
MEDICOAT AG  
Metallizing Equipment Co. Pvt. Ltd.  
MILLIDYNE OY Surface Technology  
Obninsk Center for Powder Spraying  
Oseir Oy  
Plasma SYSTEM S.A.  
Polymet Corporation  
Praxair Surface Technologies  
Progressive Surface, Inc.  
Saint-Gobain  
Sulzer Metco AG (Switzerland)  
TALLERES MECÀNICS COMAS, s.l.u.  
TECNAR Automation, Ltd.  
TeroLab Surface Group SA  
The Linde Group  
Thermal Spray Centre (CPT)  
TMG Solutions  
Treibacher Industrie AG  
UniqueCoat Technologies LLC  
Wall Colmonoy Limited  
Zhuzhou Jiangwu Boda Hard-facing Materials Co. Ltd.  
Zierhut Messtechnik GmbH

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Germany



## EDUCATION COURSES

### Contact

ASM Member Service Center  
[memberservicecenter@asminternational.org](mailto:memberservicecenter@asminternational.org)

# Thermal Spray Technology, Processing and Evaluation

**Location:** Hotel Rey Juan Carlos I  
May 18 – 20, 2014, 08:00 – 17:00

**Instructors:** C.C. Berndt, PhD, FASM, HoF  
Professor, Swinburne University of Technology  
Melbourne / Australia

D.G. Puerta  
Laboratory Director, IMR Test Labs  
Portland / USA

Registration Fee	Prior and on April 23, 2014	After April 23, 2014
Member Fee (TSS/DVS/IIW)	\$ 1.200 US Dollars	\$ 1.350 US Dollars
Non-Member Fee	\$ 1.350 US Dollars	\$ 1.500 US Dollars
Student Fee	\$ 255 US Dollars	\$ 300 US Dollars

To register for the course go to [www.asminternational.org/education](http://www.asminternational.org/education) or contact ASM Member Service Center at [memberservicecenter@asminternational.org](mailto:memberservicecenter@asminternational.org). (Product Code: 253081914)

## Course Overview

Thermal spray technology and coatings solve critical problems in demanding environments. They provide “solutions” to problems involving repair; wear; high temperature and aqueous corrosion; and thermal protection. Thermal spray can also be used to manufacture net-shapes, advanced sensors and materials for the biomedical and energy/environmental sectors. These and other emerging applications take advantage of the rapid and cost-effective capabilities of thermal spray technology in the OEM and repair industries.

Thermal spray processes - twin wire-arc, combustion, high velocity oxy-fuel (HVOF), cold spray and plasma spray, and associated technologies, can deposit virtually any material as a surface coating onto a wide range of other materials. Coating reliability and effectiveness requires that these overlay coatings be selected, engineered and applied correctly. In addition, the accurate evaluation of these coatings ensures that specifications are met.

This course (i) provides a thorough grounding and understanding of thermal spray processes, (ii) presents the complex scientific concepts in terms of simple physical models, and (iii) integrates this knowledge to practical applications and accepted thermal spray practices. While this is not a laboratory course, detailed instruction for the evaluation of thermal spray coating will be covered. Particular attention will be paid to metallographic preparation, and the methods used to ensure rigorous and practical evaluation. NO mathematics is used to explain the processes or materials/mechanical engineering.

Participants are encouraged to contact the instructors prior to the course so that any particular application or problem can be discussed as a case history. Each registrant receives the Handbook of Thermal Spray Technology and a comprehension set of notes that include the presentation slides.

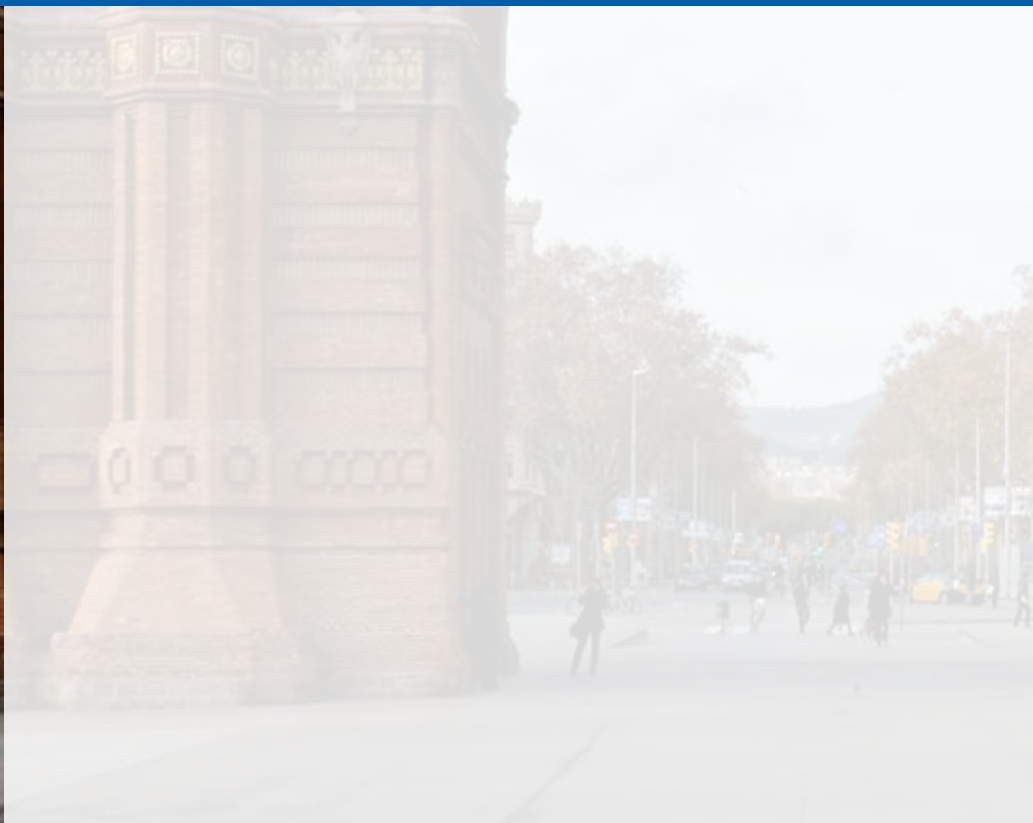
## Learning Objectives

Upon completion of this course, participants will:

- Determine the historical basis for thermal spray technology and have detailed knowledge regarding the development of equipment and materials as related to present-day technology.
- Recognize the terminology, principles and underlying theory of thermal spray technology.
- Compare and contrast thermal spray technologies with respect to competing coating technologies - PVD, CVD, hardfacing, electroplating etc.
- Explain how materials and feedstocks are designed and manufactured and how to select them for different spray processes.
- Identify applicable testing methods and currently accepted industrial practices used for quality control of coatings.
- Understand the relationship between metallographic preparation and coating appearance, and be able to predict other properties (such as adhesive strength) based on coating appearance.



## SOCIAL EVENTS PROGRAM / AWARDING



### Opening (with Awards Ceremony)

Wednesday, May 21, 2014, 09:00, Palau de Congressos de Catalunya, Hall H 1 & Hall 2  
Welcome, Awards Ceremony (TSS Hall of Fame, René-Wasserman-Award), Plenary Lectures

### Session “Young Professionals” (with Sulzer Metco Young Professionals Award)

Wednesday, May 21, 2014, 15:40, Palau de Congressos de Catalunya, Hall H 1 & Hall 2  
The Sulzer Metco Young Professional Award will be presented at the end of this session.

### Exhibitor Reception

Wednesday, May 21, 2014, 17:40, Palau de Congressos de Catalunya, Foyer, Hall J, Hall B1 – B3  
All registrants are invited by DVS, TSS and Messe Essen for a snack and drinks.

### ITSC 2014 Awards Banquet

Thursday, May 22, 2013, 20:00, Can Margí

Join us Thursday at the ITSC 2014 Awards Banquet to recognize the recipients of the ITSC 2014 Awards (best paper awards).  
The banquet is included with a Complete Registration. Additional tickets can be ordered with the registration form.

**Departure:** 19:15 Hotel Rey Juan Carlos I  
Av. Diagonal, 661-671  
08028 Barcelona / Spain

**Return:** 23:00 Hotel Rey Juan Carlos I

Registrants should be present 10 minutes before departure.





### ITSC 2014 Venue

Palau de Congressos de Catalunya  
Garden Entrance  
Hall 1, Hall 2, Hall 3, Hall B1 – B3,  
Hall F, Foyer (Level -1)  
Av. Diagonal, 661-671  
08028 Barcelona / Spain  
(next to the Hotel Rey Juan Carlos I)

### Information

The conference will take place as a discussion event. A Time Schedule with Session Information can be found on page 08. The complete program of ITSC 2014 (date and time for oral presentations, poster presentations, presentations in the Industrial Forum, Presenting Authors, Poster Presenters, Session Chairs) will be available online at the end of January 2014 – see: [www.dvs-ev.de/itsc2014](http://www.dvs-ev.de/itsc2014)

The language of ITSC is English. Simultaneous translation will not be provided.

### Complete Registration includes:

- Plenary Program
- 3-Day Technical Conference
- 3-Day Exposition
- One Conference Proceedings CD (with abstract book)
- Coffee Breaks
- Lunch Breaks
- Exhibitor Reception
- One Banquet Ticket

### Minimum Registration includes:

- Plenary Program
- 3-Day Technical Conference
- 3-Day Exposition
- Coffee Breaks
- Lunch Breaks
- Exhibitor Reception

Day-Ticket possible

### Exhibitor Staff (for conference attendance)

Please contact DVS directly for a special offer!

## GENERAL INFORMATION



## REGISTRATION

### Advance Registration

#### E-mail, fax

Send your complete registration form to:

DVS – German Welding Society  
P.O. Box 10 19 65  
40010 Düsseldorf / Germany  
P +49. (0)211. 1591-302/-303  
F +49. (0)211. 1591-300  
tagungen@dvs-hg.de

#### Online

You can also use the online registration:

[www.dvs-ev.de/itsc2014](http://www.dvs-ev.de/itsc2014)

All information and details on ITSC 2014 are on the website:

[www.dvs-ev.de/itsc2014](http://www.dvs-ev.de/itsc2014)

Registration without payment will not be processed. If your registration form and payment have not been received by DVS by April 23, 2014 you will pay a late registration fee of EUR 90. This applies also to on-site registration.

A confirmation will be sent to you within 10 business days of receiving your registration and payment.

### Payment

#### By credit transfer:

DVS – German Welding Society  
Deutsche Bank AG, Düsseldorf  
IBAN: DE96 3007 001001556844 00  
SWIFT-Code: DEUTDEDDXXX

Any banking charges which may be incurred will be borne by the attendees. Keyword for credit transfer (please do not forget): ITSC 2014, name of registrant

#### By credit card:

MasterCard, Visa (accepted)

### Cancellations

Cancellations must be in writing to DVS by April 23, 2014. In case of cancellation after April 23, 2014 DVS will take a processing fee of EUR 200.

### On-Site Registration and Check-in at the Registration Desk

Registered attendees should check-in and collect their conference documents at the Registration Desk located in the Palau de Congressos de Catalunya, Foyer (Level -1, near Garden Entrance), P +34. (0)93. 364 44 80

#### Opening Hours for the Registration Desk are as follows:

Tuesday,	May 20, 2014	15:00 – 18:00
Wednesday,	May 21, 2014	08:00 – 17:00
Thursday,	May 22, 2014	08:00 – 17:00
Friday,	May 23, 2014	08:00 – 14:00

## EVENT DOCUMENTS

#### Technical Program

The complete printed Technical Program (oral and poster presentations) will be provided at the Registration Desk.

#### Conference Proceedings CD (with abstract book)

The Conference Proceedings CD will be produced in advance with all illustrations and tables. The CD is included with the complete registration. You will receive it at check-in. Additional CDs can be bought at the Registration Desk.



## CATERING

### Morning/Afternoon Coffee Breaks

During the coffee breaks (not during lunch break) coffee and tea will be served free of charge.

### Lunch Breaks

During the lunch breaks a snack will be served free of charge.

## TRANSPORTATION

Transportation options from Barcelona Airport El Prat to the Palau de Congressos de Catalunya and the Headquarter Hotel Hotel Rey Juan Carlos I.

### By train/metro:

The train station is located just next to the Airport, but only at Terminal 2. Take the train at Terminal 2 as far as Sants Estació, the city's main station. Once you arrive take the subway train (Metro), Line 3 (green line) and get off at Zona Universitaria (2 minutes walking distance from the Hotel Rey Juan Carlos I).

Overall duration of the trip: approximately 35 minutes

### By taxi:

Taxis are available in front of the airport arrival buildings in both terminals. Duration of the trip: approximately 15 minutes. Rates vary, depending on the time of the day.

### Time

CET (Central European Time)

### Barcelona Information

For more information, please visit: [www.barcelonaturisme.com](http://www.barcelonaturisme.com)

## TIPS FOR BARCELONA

### Weather

The climate of Barcelona is mediterranean and mild. In May the weather is usually between 17 and 22° C with an average of 18°C (64°F).

### Restaurant (Opening Hours)

Restaurants are usually open from 13:00 – 15:30 for lunch and from 20:30/21:00 – 22:30 for dinner.

### Shops (Opening Hours)

The opening times are from 09:30/10:30 to 13:30/14:00 and from 16:30/17:00 until 20:30 between Monday and Saturday. Large department stores in the city center do not close at midday.

### Electricity

The voltage in Spain is 220 volts. Travelers are advised to bring a power converter and an adapter.

### VISA

Attendees are requested to check with the Spanish consulate in their home country or with their travel agency for visa requirements. It is the responsibility of the attendee to obtain a visa in advance if required.

## HOTEL INFORMATION

Hotel reservation can be made by completing the enclosed Accommodation Booking Form. Please return it to:

ECIS, SL (European Conference and Incentive Services, SL)  
C/Frances Carbonell, 36 local  
08034 Barcelona / Spain  
P +34. 93.206 04 04  
F +34. 93.280 61 30  
[itsc2014@ecis-dmc.com](mailto:itsc2014@ecis-dmc.com)

Registration:  
Please refer to [www.dvs-ev.de/itsc2014](http://www.dvs-ev.de/itsc2014)  
(Accommodation, Booking Form and online)

**We recommend the Hotel Rey Juan Carols I (5 Star) next to the Palau de Congressos de Catalunya as the Headquarter Hotel for ITSC 2014!**



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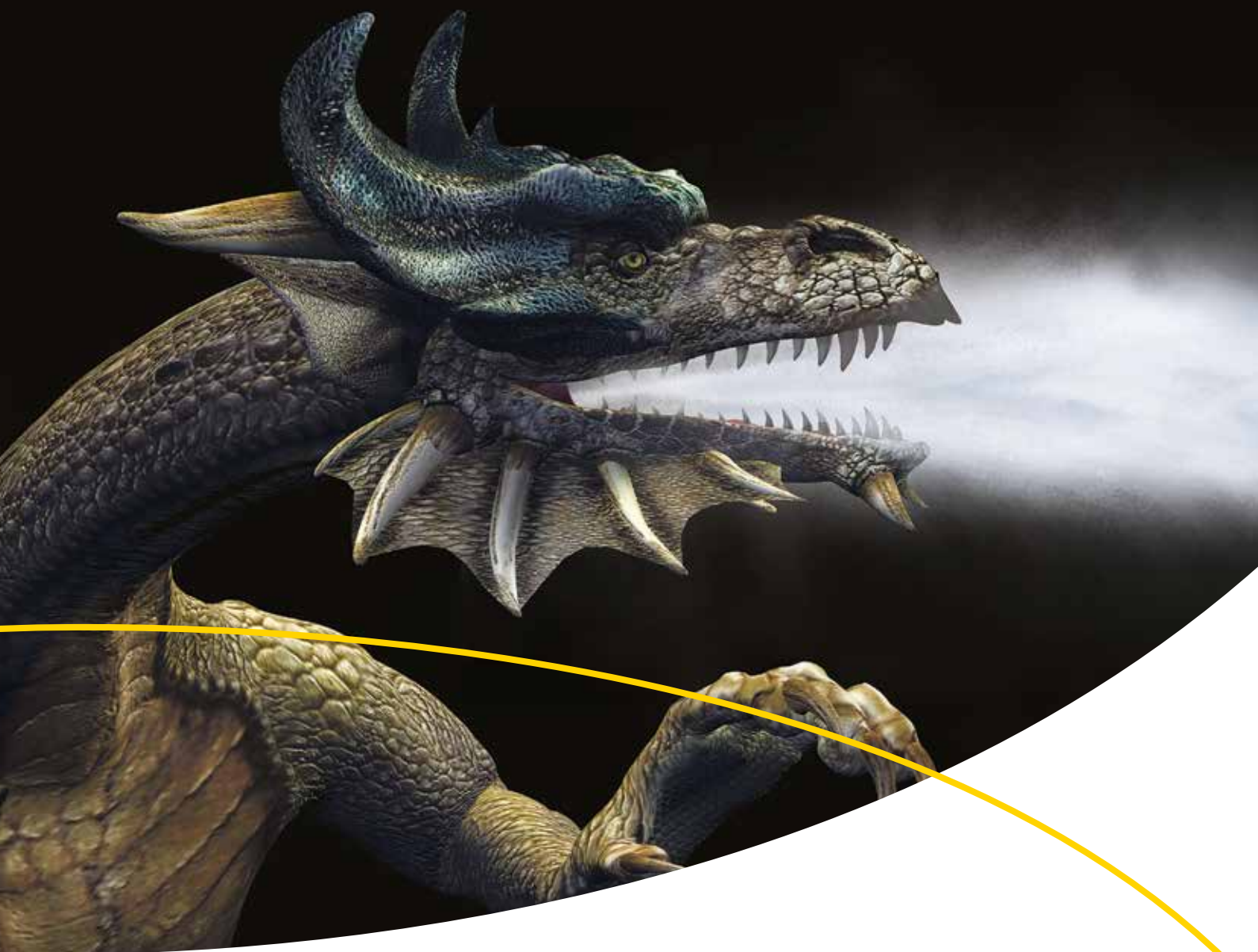
A simple grey icon depicting a person standing on the peak of a curved surface, possibly representing a globe or a specific surface technology.

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T: +44 (0)800 389 0202 (UK/Europe) or +34 902 13 02 02 (Spain)

E: [apukinfo@airproducts.com](mailto:apukinfo@airproducts.com) W: [airproducts.com/spray](http://airproducts.com/spray)

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