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of the Conference in Barcelona/Spain
on May 21 – 23, 2014

Organized by



DVS – German Welding Society
ASM International – Thermal Spray Society (TSS)
IIW – International Institute of Welding

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Preface

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.

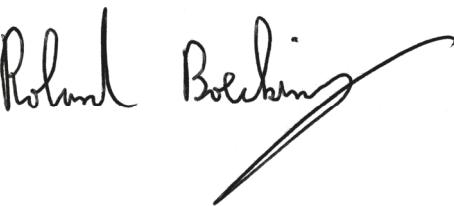
With the “Industrial Forum”, all practically interested experts will be addressed to get the latest information. The “Industrial Forum” will be free of charge and open to all visitors to the Expo.

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!

Düsseldorf, May 2014

DVS – German Welding Society



Dr.-Ing. R. Boecking
General Manager



Dipl.-Ing. Jens Jerzembeck
Head of Research and Technology

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	Opening: ■ Welcome ■ Awards Ceremony ■ Plenary Lectures			
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	Opening of the ITSC 2014 Exposition and Poster Session, Palau de Congressos de Catalunya, Foyer Poster Session, Palau de Congressos de Catalunya, Hall B1 – B3			
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	Exhibitor Reception, Palau de Congressos de Catalunya, Foyer, Hall J, Hall B1 – B3 Poster Session, Palau de Congressos de Catalunya, Hall B1 – B3			

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- / HVAF-Spraying	Industrial Forum
12:40	Lunch Break, Palau de Congressos de Catalunya, Foyer, Hall J Poster Session, Palau de Congressos de Catalunya, Hall B1 – B3				
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	ITSC 2014 Awards Banquet, Can Magí				

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
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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 Poster Session, Palau de Congressos de Catalunya, Hall B1 – B3				
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