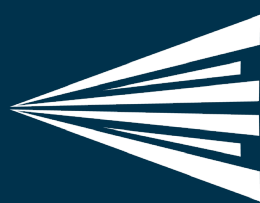


# ADVANCING THERMAL SPRAY TECHNOLOGY:

Innovations, Applications and Sustainability



FINAL  
PROGRAMM



# ITSC2024

INTERNATIONAL THERMAL SPRAY  
CONFERENCE AND EXPOSITION



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 **ITSC2024**  
INTERNATIONAL THERMAL SPRAY  
CONFERENCE AND EXPOSITION

**APRIL 29 – MAY 1, 2024**  
**MILAN, ITALY**



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since 1983

# ITSC 2024: ADVANCING THERMAL SPRAY TECHNOLOGY: Innovations, Applications and Sustainability

**The ITSC 2024 - International Thermal Spray Conference and Exhibition** summarizes once again the latest global developments and offers solutions for current or future applications. For more than 20 years, ITSC has established itself as the world's leading event for users, service providers and manufacturers.

What ITSC offers is as fascinating as the technology itself. Parallel to the ITSC conference – **various event formats** are presented to inspire visitors from all sectors for the fascinating **thermal spray**, but also for **plasma and laser based cladding technologies**. These technologies have also become more and more interesting for surfacing solutions. Cladding also fulfills many requirement specifications in an excellent way.

ITSC 2024 provides an overview of these coating systems, which are not least driven by the energy and mobility transition. ITSC 2024 will also feature the latest improvements in the field of **additive manufacturing (AM)**. For that, thermal spray, as well as cladding technologies, offer a magnificent technological basis for new AM applications.

One other highlight of the technical program is again the **Session "Young Professionals"**. ITSC 2024 is supporting young talents becoming part of the worldwide thermal spray family. On the first day, the Young Professional Session will take place, in which the up-and-coming talents will present their content to the audience in short, snappy talks. The audience will decide live on site who will win the coveted **Young Professional Award!**

To offer newcomers and interested end users an introduction in thermal spray technology, the session **"Thermal Spray in a Nutshell"** will fulfill all expectations for the second time. The lectures are prepared in this format for an audience that is new to the field of thermal spraying and want a well-founded introduction from the experts!

The **"Industrial Forum"** is another characteristic of ITSC. This Forum includes practical demonstrations on industry related topics, products and solutions. Both sessions are also available for EXPO ONLY visitors!

Last but not least the **"Three-day Exposition"** is a permanent part of the event. If you are looking for new products and services, have questions or need answers, then ITSC 2024 is the best place for you! **More than 70 leading companies** already confirmed to participate.

ITSC is organized by DVS – German Welding Society and DVS – Publishing House in cooperation with the ASM – Thermal Spray Society and supported by GTS – Association of Thermal Sprayers. All partners do their best to fulfill and surpass all attendees expectation!

ITSC takes place in Milan, the metropolis in northern Italy's Lombardy, the world-famous center for fashion and design on April 29 to May 1, 2024. **More than 320 contributions from 32 countries** and all other event highlights stand for a promising and unforgettable event.

## Organizers



## SPONSORS

DVS – German Welding Society and TSS – Thermal Spray Society, ASM International, are pleased to announce the following sponsors of ITSC 2024:



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C&M Technologies GmbH



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Metallizing Equipment  
Co. PVT Ltd.



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- Proven feeding technologies and improved ergonomics to further enhance productivity and quality

At Oerlikon Metco, we know thermal spray is a science that can be controlled for reliable, repeatable results and optimized for best value.

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Visit us at:  
ITSC - April 29 to May 1 Milano, Italy  
Booth 307  
[www.oerlikon.com/metco](http://www.oerlikon.com/metco)

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metco

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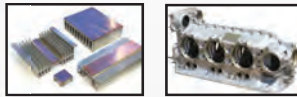
# SPRAYCOLD

(COLD SPRAY SYSTEM)



**MGS-23**  
with inbuilt heater

Hybrid Heat Sink Engine Crank Case



Prevent & Repair Damage.



**MSC-500**  
(MEC cold spray system with trolley, powder feeder and PLC controlled panel.)

### Application of Cold Spray

- ▲ Repair bearing seats.
- ▲ Repair forms & patterns for casting.
- ▲ Hermetically seal radiators and air conditioner.
- ▲ Add electrical conductive layers to materials.
- ▲ Additive manufacturing and many more.

### Special Features:

- ▲ The detachable type control screen can be removed and positioned on another stand or exterior wall of the spray chamber if user wants to spray using robot/manipulator.
- ▲ Working Gas: Air or Nitrogen
- ▲ Single Phase Electrical Supply Requirement.

Maximum power consumption:- 3.3kW

Power supply:- Single Phase 220v, 50/60Hz

Powder consumption:- 10-60 gm/min  
(compatible powder will be supplied by MEC)

Capacity of Powder Feeder:- 3350 CC (3.3 Liter)

Dimensions and Weight of the System:-  
Approx. 600(W)x500(L)x1400(H)  
Approx. 110 kg

# MEC MX 1

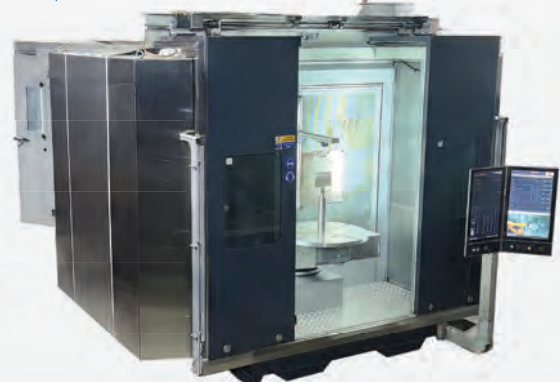
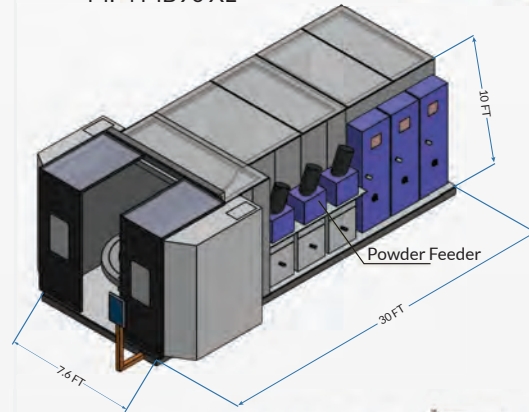
(INTEGRATED THERMAL SPRAY SYSTEM for PLASMA /HVOF/HVOLF)



Cascaded Gun



MF4 MB90 XL



### Standard Features:

- ▲ Standard and compact design
- ▲ User friendly interface to improve productivity
- ▲ Safety interlock to protect job by monitoring & controlling parameters
- ▲ Easy to transport and relocate to other facilities
- ▲ Data logging and report generation

### Additional Features:

- ▲ Particle diagnostics, job temperature, process video on a single screen.
- ▲ Job cooling arrangement - air cooling by flow through the job utilizing rotary fluid adaptors.



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ISO 17025:2017  
AS 9100D, CE

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## CONFERENCE

The ITSC 2024 conference is an opportunity for the global thermal spray community to meet, exchange information and conduct business. This outstanding 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 3-Day Exposition featuring an Industrial Forum as well as a Poster Session and a new introduction-session "Thermal Spray in a Nutshell" will take place.

---

**Please mark your calendar for the special ITSC 2024 events:**

**Opening of ITSC 2024 with Plenary Lecture and greetings from DVS, GTS and TSS representatives**

Monday, April 29, 2024, 09:00 a.m. - 10:30 a.m., MiCo, RED 1+2

Sponsored by 

**Exposition (kick-off)**

Monday, April 29, 2024, 12:00 a.m., MiCo, Hall B

**Exhibitor Networking Reception**

Monday, April 29, 2024, 06:00 p.m., MiCo, Hall B

Sponsored by 

**Social Event Evening at TIRENNALE MILANO (including F&B)**

Tuesday, April 30, 2024, 07:00 p.m., Viale Emilio Alemagna 6 - 20121 Milano

Sponsored by 

---

**Organization**

DVS Media GmbH  
Sabrina Tank  
Aachener Str. 172  
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M: +49 (0)173 / 6534-243  
sabrina.tank@dvs-media.info  
or events@dvs-media.info

**Specialist Information**

DVS – German Welding Society  
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F +49 211 1591-200  
jens.jerzembeck@dvs-home.de

**ITSC 2024 Venue**

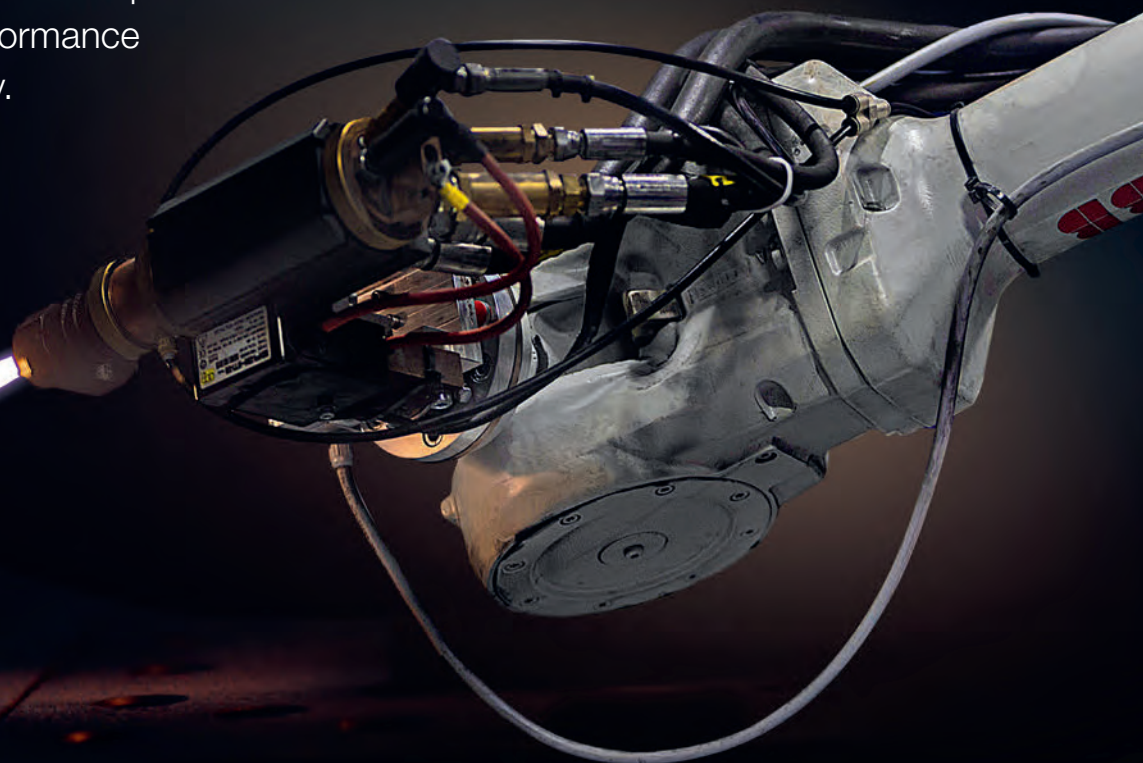
Allianz MiCo • Milano Convention Centre  
Via Gattamelata 5 / GATE 15  
20149 Milano  
Italy



# Elevate Performance with Höganäs' Sustainable Surface Coating Solutions

At Höganäs, we firmly believe that optimal application performance results from the combination of the right materials and appropriate processes, all grounded in sustainability principles.

Join us at **booth #207**  
and the **Industrial Forum**  
to discuss how we can shape  
a future where performance  
meets sustainability.



# TIME SCHEDULE ITSC 2024 CONFERENCE AND EXPOSITION

Please find detailed schedule online:

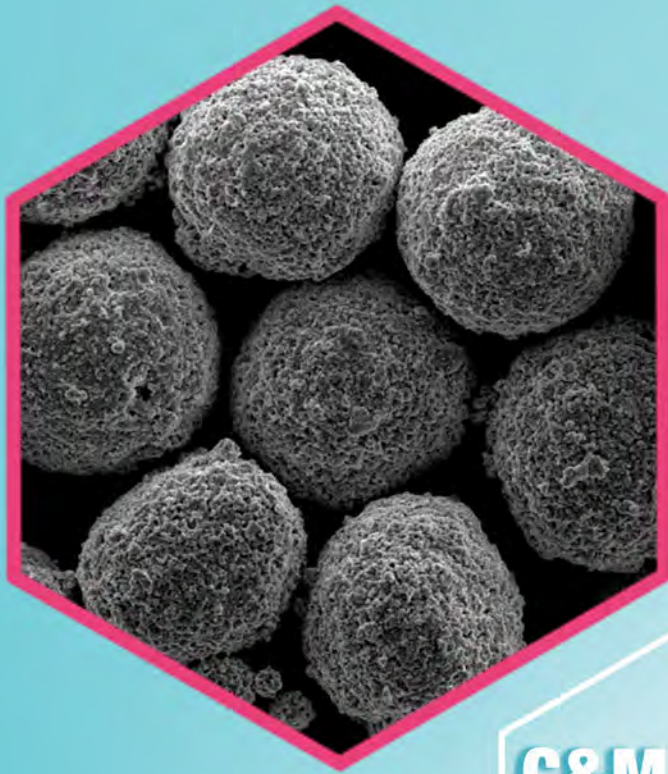


Monday, April 29							
	Red1	Red2	Blue1	Blue 2	Yellow 1	Yellow 2	Yellow 3
9:00	Opening Session - Welcome DVS / TSS-ASM / GTS - Plenary Lecture						
10:30	Coffee Break, Hall B						
10:50	Power Storage	Laser Cladding I	Aviation Industry I	Modelling & Simulation I	Repair & Recycling	Ceramic Coatings	TS in a Nutshell I
12:30	Lunch Break & Exposition & Poster Session, Hall B & North Registration						
14:00	Automotive Industry	Further Applications	Medical Industry	Laser Cladding II	Charac. and Testing I	Corrosion Protection I	TS in a Nutshell II
15:25	Coffee Break & Exposition, Hall B						
15:45	Young Professionals Session						
17:00	Award Ceremonys - ITSC Best Paper Awards - Young Professional Award						
18:00	Exhibitor Welcome Reception & Poster Session, Hall B & North Registration						

Tuesday, April 30					
	Blue1	Blue 2	Yellow 1	Yellow 2	Yellow 3
9:00	TSS Hall of Fame & Award ceremonys				
09:40	Isolating Coatings		Gas & Fuel Industry	Metals Processing	Industrial Forum I
10:40	Coffee Break & Exposition, Hall B				
11:00	Power Generation	New Processes	Pre- & Post-Treatment	Cold Gas Spraying I	Industrial Forum II
12:40	Lunch Break & Exposition & Poster Session, Hall B & North Registration				
13:40	Maritime Industry/Off-Shore	HVOF/HVAF-Spraying	Functional Coatings	Charac. and Testing II	Industrial Forum III
15:20	Coffee Break & Exposition, Hall B				
15:40	Aviation Industry II	Suspension Spraying	Corrosion Protection II	Data & Artificial Intelligence	Industrial Forum IV
19:00	Social Event Evening at TRIENNALE MILANO				

Wednesday, May 1					
	Blue1	Blue 2	Yellow 1	Yellow 2	Yellow 3
09:00	Additive Manufacturing I	Plasma Spraying	Powders, Wires, Suspensions	Tribological Coatings I	Industrial Forum V
10:40	Coffee Break & Exposition & Poster Session				
11:00	Aviation Industry III	Cold Gas Spraying II	Pro. Diag. & Sensors & Controls I	Metal Coatings	Industrial Forum VI
12:40	Lunch Break & Exposition & Poster Session				
13:40	Additive Manufacturing II	Cold Gas Spraying III	Modeling & Simulation II	Tribological Coatings II	Pro. Diag. & Sensors & Controls II
15:20	End				

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Laser Cladding  
Powders

**C&M TAS**  
Thermal Spray  
Powders

**C&M WFR**  
Welding  
Wires

**C&M WR**  
Welding  
Rods



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The Linde Group (DE)  
R. Lima, National Research Council (CA)

## Technical Chairs

K. Bobzin\*,  
RWTH Aachen University (DE)  
A. Ang, Swinburne University of Technology (AU)

## DVS Representatives\*

A. Barth, Höganäs GmbH  
R. Enzi, Oerlikon Metco AG (CH)  
F. Ernst, KS HUAYU AluTech GmbH (DE)  
F. Gärtner, Helmut Schmidt University (DE)  
T. Grund, Chemnitz University of Technology (DE)  
S. Hartmann, obz innovation GmbH (DE)  
H. Heinemann, RWTH Aachen University (DE)  
X. Huang, TSCC Thermal Spray Committee of  
Chinese Surface Engineering Association (CN)  
J. Jerzembeck, DVS - German Welding Society (DE)  
T. Klassen, Helmut Schmidt University (DE)  
T. Königstein, GTV Verschleißschutz GmbH (DE)  
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M. Öte, Schaeffler Technologies AG & Co. KG (DE)  
F. Prenger, Grillo-Werke AG (DE)  
C. Rupprecht, Technische Universität Berlin (DE)  
F. Schreiber, DURUM Verschleiß-Schutz GmbH (DE)  
S. Tank, DVS Media GmbH (DE)  
F. Tiggemann, Flowserve Flow Control GmbH (DE)  
W. Tillmann, TU Dortmund University (DE)  
R. Vaßen, Forschungszentrum Jülich GmbH (DE)

## ASM/TSS Representatives

N. Curry, Thermal Spray Innovations (AT)  
S. Fowler-Hutchinson, Saint Gobain (US)  
E. Irissou, National Research Council (CA)  
C. Kay, Hannecard Roller Coatings, Inc. (US)  
H. Koivuluoto, Tampere University of Technology (FI)  
J. Koppes, Thermal Spray Technologies (US)  
K. Laul, Delta Airlines (US)  
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Technology (JP)  
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J. Villafuerte, Centerline (CA)

---

\*In charge of the abstract review and programming and as judges  
regarding the Best Paper Awards

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# POSTER SESSION / THERMAL SPRAY IN A NUTSHELL / INDUSTRIAL FORUM

## Poster Session

During the ITSC 2024 event a Poster Session will be held in the Foyer, Level 1.

### Poster Session during the Exhibitor Reception

Monday, April 29, 2024, 06:00 p.m., MiCo, Hall B/North Registration

**The poster presenters will be available for discussion in the Poster area scheduled as follows:**

Monday, April 29, 2024, 12:30 p.m. - 02:00 p.m. and 06:00 p.m. during the Exhibitor Networking Reception

Tuesday, April 30, 2024, 12:40 p.m. - 01:40 p.m.

Wednesday, May 1, 2024, 12:40 p.m. - 01:40 p.m.

In addition further contacts with the authors can be arranged.

Find the complete poster session program here:



## Thermal Spray in a Nutshell

Allianz MiCo, Hall YELLOW 3

A new Introduction-session **Thermal Spray in a Nutshell** will be held on the first day of the conference, which will cover the application of thermal spraying and its significance. Expo only attendees are also welcome to this session.



**THERMAL SPRAY**  
in a Nutshell

### Hours:

Monday, April 29, 2024, 10:50 a.m. - 03:20 p.m.

## Industrial Forum

MiCo, Hall YELLOW 3

The Industrial Forum will take part during ITSC 2024 in the Allianz MiCo in conference room YELLOW 3 on the first floor. 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).

Beside the ITSC conference registrants, also all Expo only attendees are invited to visit the Industrial Forum.

### Forum Hours:

Tuesday, April 30, 2024, 09:00 a.m. - 05:20 p.m.

Wednesday, May 1, 2024, 09:00 a.m. - 12:40 p.m.

The complete Industrial Forum program of ITSC will be available online – see: [www.dvs-events.com/en/events/itsc24](http://www.dvs-events.com/en/events/itsc24)

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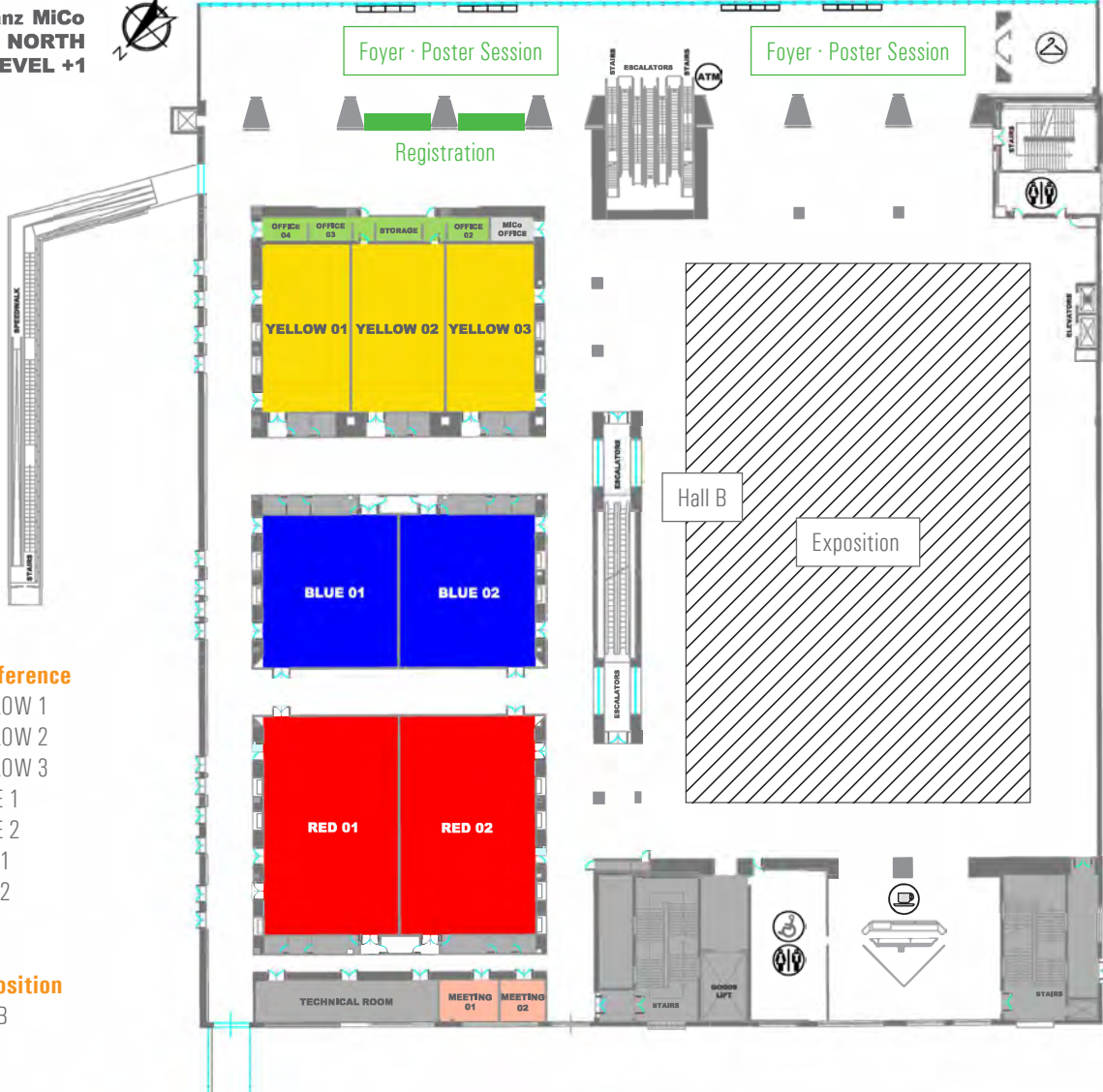
#### CHINA

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Tel: +86 - 2154845766  
Email: infocn@indo-mim.com

# PLAN ALLIANZ MICO

VIA GIOVANNI GATTAMELATA ▲

Allianz MiCo  
NORTH  
LEVEL +1



## Conference

- YELLOW 1
- YELLOW 2
- YELLOW 3
- BLUE 1
- BLUE 2
- RED 1
- RED 2

## Exposition

Hall B

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 **ITSC2024**  
INTERNATIONAL THERMAL SPRAY  
CONFERENCE AND EXPOSITION

  
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## EXPOSITION

Concurrent with the conference, the ITSC 2024 Exposition, organized by ASM International, will take place in the Allianz MiCo, Hall B.

### Kick-off ITSC 2024 Exposition

Monday, April 29, 2024, 12:00 p.m., MiCo, Hall B

### Exhibitor Welcome Reception

Monday, April 29, 2024, 06:00 p.m., MiCo, Hall B

Sponsored by



### Exposition Tear-down

Wednesday, May 1, 02:30 p.m.

### Exposition Hours

Monday, April 29 12:00 p.m. – 6:00 p.m.

Welcome Reception with Exhibitors 6:00 p.m. – 9:00 p.m.

Tuesday, April 30 10:00 a.m. – 4:00 p.m.

Wednesday, May 1 10:00 a.m. – 1:30 p.m.

### Further Information

Exhibitor Application, Exhibitor Prospectus, Exhibitor Layout Map, Current Exhibitor List are available: [www.dvs-ev.de/itsc2024](http://www.dvs-ev.de/itsc2024)

### Expo Only

Please use the online registration for "EXPO ONLY": [www.dvs-ev.de/itsc2024](http://www.dvs-ev.de/itsc2024)

### Corporate Supporters



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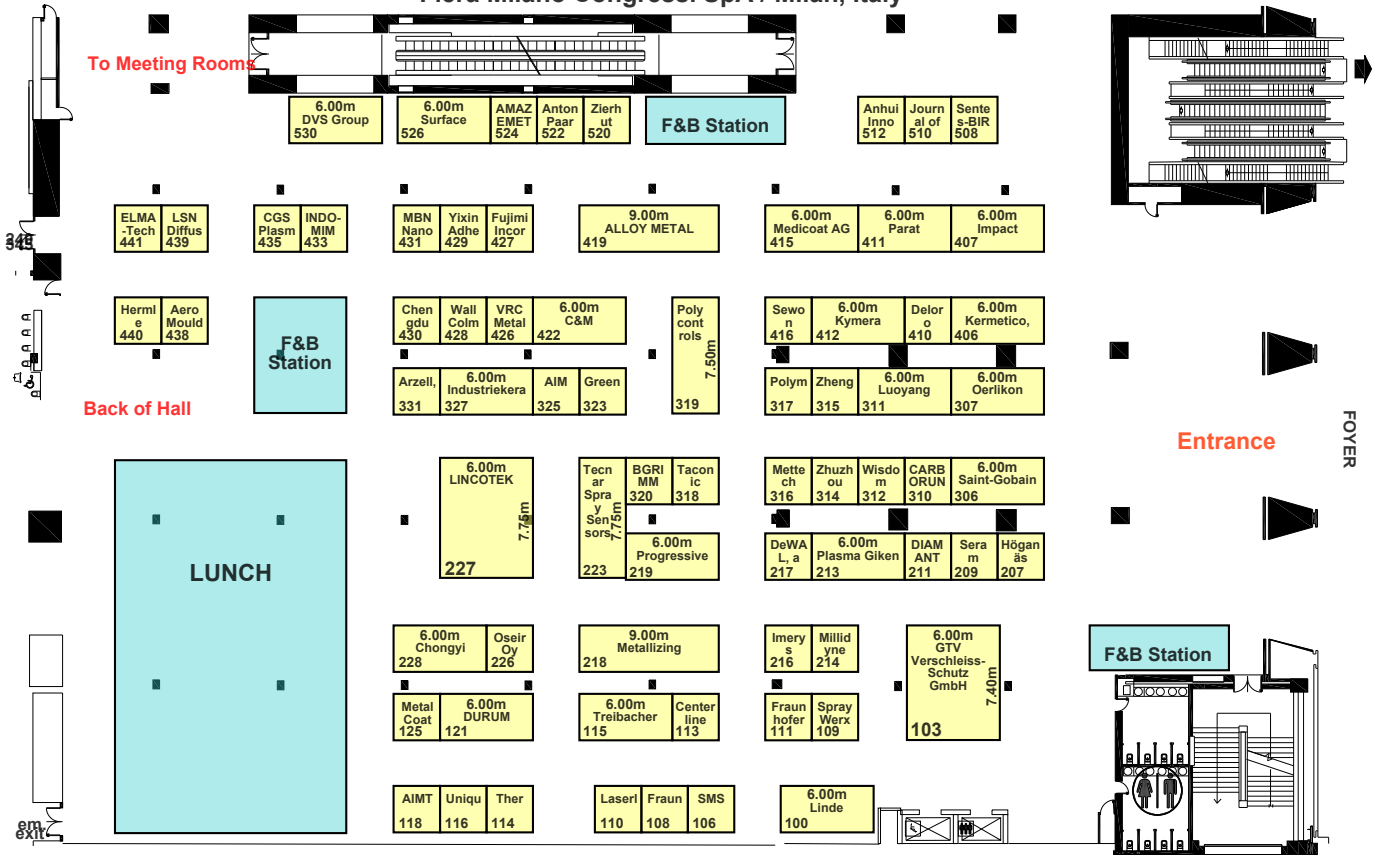
Contact ITSC 2024 Exposition: [exposales@asminternational.org](mailto:exposales@asminternational.org)

## EXHIBITOR LIST (Status: April 9, 2024)

COMPANIES	Booth No.	COMPANIES	Booth No.
Aero Moulding	438	LINCOTEK	227
AIM MRO Holdings, LLC	325	Linde Advanced Material Technologies, Inc	100
AIMTEK	118	LSN Diffusion	439
Alloy Metal Surface Technologies	419	Luoyang Golden Egret Geotools Co., Ltd.	311
AMAZEMET	524	MBN Nanomaterialia SpA	431
<del>Anhui Inno Performance Materials Co., Ltd</del>	<del>512</del>	Medicoat AG	415
Anton Paar	522	<del>Metal Coat</del>	<del>425</del>
Arzell	331	Metallizing Equipment Co. Pvt. Ltd	218
BGRIMM Advanced Materials Science&Technology Co., Ltd	320	Mettech	316
C&M Technologies GmbH	422	Millidyne	214
CARBORUNDUM UNIVERSAL LIMITED	310	Oerlikon Metco	307
CenterLine (Windsor) Limited	113	Oseir Oy	226
CGS Plasmatechnik	435	Parat Technologies	411
Chengdu Huarui Industrial Materials Co., Ltd.	430	Plasma Giken Co., Ltd.	213
Chongyi Zhangyuan Tungsten Co., Ltd.	228	Polycontrols Technologies Inc.	319
Deloro Wear Solutions GmbH	410	Polymet Corporation	317
DeWAL, a division of Rogers Corporation	217	Progressive Surface, Inc.	219
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ELMA-Tech GmbH	441	Sewon Hardfacing Co., Ltd	416
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Fraunhofer Institute for Material and Beam Technology IWS Dresden	111	SprayWerx Technologies Inc.	109
Fujimi Incorporated	427	Surface Technology Services BV	526
Green Belting Industries	323	Taconic International LTD	318
GTV Verschleiss-Schutz GmbH	103	TECNAR Automation Ltd.	223
Hermle Maschinenbau GmbH	440	Thermach LLC	114
Höganäs	207	Treibacher Industrie AG	115
Imerys	216	Uniquecoat Technologies, LLC	116
Impact Innovations GmbH	407	<del>VRC Metal Systems</del>	<del>426</del>
INDO-MIM Private Limited	433	Wall Colmonoy	428
Industriekeramik Hochrhein / Gulhfi AG	327	Wisdom Consumables	312
Journal of Thermal Spray Technology (JTST)	510	Yixin Adhesive Tape (Shanghai) Co., Ltd.	429
Kermetico, Inc.	406	Zhengzhou Lijia Thermal Spray Machinery Co., Ltd	315
Kymera International	412	Zhuzhou Jiangwu Boda Hard-facing Materials Co., Ltd	314
Laserline GmbH	110	Zierhut Messtechnik GmbH	520

# FLOORPLAN

## Fiera Milano Congressi SpA / Milan, Italy



## SOCIAL EVENTS PROGRAM / AWARDING

### Opening of ITSC 2024 with Plenary Lecture

Monday, April 29, 2024, 09:00 a.m., MiCo, Red 1+2

- Welcome
- Plenary Lecture

Sponsored by



### Session “Young Professionals” with Awards Presentation

Monday, April 29, 2024, 03:40 p.m., MiCo, Red 1+2

- ITSC Best Paper Awards
- Young Professionals Award

All awards will be presented at the end of this session.

### Exhibitor Welcome Reception

Monday, April 29, 2024, 06:00 p.m., MiCo, Hall B

All registrants are invited by Alloy Coating Supply (ACS) for a snack and drinks.

Sponsored by



### ITSC Student Mixer: “Connecting the Future of Thermal Spray

Monday, April 29, 2024, 9:00 – 10:30 p.m. – MiCo (still working on final location)

The Italy/Switzerland Chapter of ASM International invites university students to an informal networking mixer on ITSC’s opening night. Connect with peers, local industry professionals, and learn more about the exciting opportunities that await in the vibrant materials science and thermal spray communities. There’s no planned program, just an opportunity to build connections, while enjoying a glass of wine, beer and light hors d’oeuvres! No registration required.

### Social Event Evening at TRIENNALE MILANO

Tuesday, 30 April, 2024, 07:00 p.m., TRIENNALE MILANO, Viale Emilio Alemagna 6 - 20121 Milano (ITALY)

Join us Tuesday at the Social Event Evening at TRIENNALE MILANO. Since 1923, the Triennale Milano has been one of the world’s leading cultural institutions, conveying the complexity of the contemporary world through various artistic forms: Design, architecture, visual, scenic and performing arts. Its aim is to find broader and more innovative ways of thinking by bringing together the experiences of different cultures and languages in a single place and at a single time. Local and regional delicacies are served. And, of course, refreshing drinks and uplifting music to round off the Milanese experience!

*The Social Event Evening is included with a Complete Registration. Additional tickets are limited, but can be ordered with the registration form (first-come-first-served basis).*

Sponsored by **oerlikon**

## GENERAL INFORMATION

You can always find the latest information about the event online at [www.dvs-ev.de/itsc2024](http://www.dvs-ev.de/itsc2024)

The complete conference program is also available online.

We are looking forward to seeing you in Milan!

### REGISTRATION

Please register online at the events website: [www.dvs-ev.de/itsc2024](http://www.dvs-ev.de/itsc2024). There you will find the complete price list and booking options. Please note the Early Bird Ticket special offer, which ends on 26 February, 2024.

If you have any questions about attending the conference, please contact [events@dvs-media.info](mailto:events@dvs-media.info)

#### Complete Registration includes:

- Plenary Program
- 3-Day Technical Conference
- 3-Day Exposition
- Coffee Breaks
- Lunch Breaks
- One Conference Proceedings USB stick (with abstract book)
- Exhibitor Networking Reception
- One Social Event Evening Ticket incl. F&B; at TIRRENNALE MILANO

#### 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 use the online registration: [www.dvs-ev.de/itsc2024](http://www.dvs-ev.de/itsc2024)

#### Advance Registration

We strongly recommend that you register in advance. Limited on-site registrations are possible.

#### Payment

The payment method must be specified online during registration.

#### Cancellations

If you have to cancel your participation, a fee of 15% of the selected ticket price plus VAT will be charged. Your ticket can be transferred to another person at no extra charge. To do this, you must inform us in writing.

Cancellations after April 15, 2024 are non-refundable.



#### 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 MiCo, North registration (1st Floor).

#### Opening Hours Registration Desk:

Sunday, April 28, 2024, 03:30 p.m. - 05:30 p.m.

Monday, April 29, 2024, 07:30 a.m. - 04:30 p.m.

Tuesday, April 30, 2024, 07:30 a.m. - 04:30 p.m.

Wednesday, May 1, 2024, 07:30 a.m. - 02:00 p.m.

### EVENT DOCUMENTS

#### Technical Program

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

#### Conference Proceedings USB stick (with abstract book)

The Conference Proceedings USB stick will be produced in advance with all illustrations and tables. The conference USB stick is included with the complete registration. You will receive it at check-in. Additional USB sticks 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 for conference attendees (vouchers will be distributed with the conference documents).

During the event fresh water will be provided with water dispensers.



Picture: beatrice preve - stock.adobe.com

## ENTRY TO ITALY

### VISA

Attendees are requested to check with the Italian embassy 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 you need an invitation letter please contact: [carolin.hesse@dvs-media.info](mailto:carolin.hesse@dvs-media.info) or [events@dvs-media.info](mailto:events@dvs-media.info)

For more information regarding entry permit to Italy, please visit: <https://vistoperitalia.esteri.it/home/en#BMTitolo>

### TIME

Central European Time (CET); Standard-Difference UTC + 1:00h

### TIPS FOR Milan

Financial world and football, fashion and metal processing, historic architecture and modern design meet up here, in Italy's most important industrial and trading location - and the Milan Cathedral is situated right in the middle of it, at the centre of the old town. It is one of the largest churches in the world and is regarded as a landmark of the city. A visit to the imposing church and a look at the breathtaking facade are therefore an imperative part of any trip to Milan!

In the immediate vicinity of it, the luxurious Galleria Vittorio Emanuele II invites people to pay a visit. It is regarded as the oldest shopping centre

in the world. In addition to impressive architecture, it today offers, above all, flagship stores of the most significant international designers as well as restaurants and bars for a culinary experience "alla Milanese". In the floor of the octagonal space underneath the glass dome of the Galleria, mosaics replicate the coats of arms of the cities of Milan, Turin, Florence and Rome. Apparently, it brings good luck if you rotate around your own axis once on your left heel on Turin's bull ...

Another attraction of the city is located in the Santa Maria delle Grazie convent, a UNESCO World Heritage Site for over 40 years, because the church accommodates Leonardo da Vinci's world-famous mural entitled "The Last Supper".

This is just a small preview of the impressive sights which Milan has to offer you.

### Electricity

The voltage in Italy is 230 volts. Travelers are advised to bring a power converter and an adapter. Plugs and sockets of type F and type L are used.

## HOTEL INFORMATION

Hotel reservation can be made online. Please refer to: [www.dvs-ev.de/itsc2024](http://www.dvs-ev.de/itsc2024).

# MILAN CENTER & ALLIANZ MICO



**ABOUT ITSC 2025**  
**FURTHER DETAILS CAN BE FOUND ONLINE AT**  
**WWW.DVS-EVENTS.COM**

**MAKE A NOTE!**  
**THE ITSC RETURNS**  
**TO ASIA IN 2026.**



# ITSC2025

INTERNATIONAL THERMAL SPRAY  
CONFERENCE AND EXPOSITION

**MAY 5-8, 2025 | VANCOUVER, CANADA**

*Explore groundbreaking advancements in thermal spray technology at ITSC, the leading global conference and expo for professionals from industry, academia, and government sectors, showcasing innovative technologies, market trends, and collaborative opportunities.*

## CALL FOR PAPERS

**SUSTAINABLE INNOVATIONS IN THERMAL SPRAY TECHNOLOGY:  
PIONEERING A GREENER FUTURE**

**THE ITSC ORGANIZING COMMITTEE IS ENCOURAGING  
SUBMISSIONS IN THE FOLLOWING SYMPOSIA:**

- Advanced Coatings for Aerospace and Industrial Gas Turbines (IGTs) – joint symposium with AeroMat
- Fundamentals / Research and Development
- Thermal Spray Applications
- Young Professionals Session / Competition and much more!

**SUBMISSION DEADLINE: SEPTEMBER 5, 2024.**

CO-LOCATED WITH:

AEROMAT | 2024

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