

Tools
Create Values

Final Conference **Programme**



WCTC 2019
WCTC 2019

Munich June 26th – 29th

The **Networking** Event

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About the World Cutting Tools Conference (WCTC)

Every three years WCTC provides the global forum and networking event for manufacturers of cutting tools and holding fixtures. The WCTC 2019 will take place from June 26th to 29th in Rottach-Egern, an hour's drive south of Munich. Located directly at the beautiful lake Tegernsee in sight of the Alps, the venue offers an ideal place for the event.

Exciting new developments, high ranking speakers and exclusive technical visits will be on display at our conference. The previous conference in 2016 in Hawaii was visited by 180 international participants. The WCTC offers an unique possibility to bring stakeholder from the cutting tools industry together. You will meet exciting sector players face to face. New perspectives will open.

Conference Organiser

Gesellschaft zur Förderung
des Maschinenbaues mbH
Lyoner Straße 18
60528 Frankfurt am Main
Germany

The Gesellschaft zur Förderung des Maschinenbaues mbH (GzF) is a fully-owned subsidiary of VDMA. GzF not only supports the participation of the German engineering industry in more than 60 fairs all over the world, but also offers fair and event management as a professional full service by the Expo Management department.

A key service of the GzF is the development and support of fair concepts which meet the actual needs of each industry segment and strengthen the position of the capital goods industry.



Contact

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For further questions Nicole Potz will be please to help you for the World Cutting Tools Conference 2019.

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Welcome Address

Every three years, the World Cutting Tool Conference (WCTC) offers the global forum and networking event for manufacturers of cutting tools and clamping technology. All the world is talking about the triumph of globalization. This no longer concentrates on hardware like tools, machines and cars, but on the Internet, digitisation, artificial intelligence and, associated with this, on cross-industry high-tech companies, summarised under the term platform economy. We will all quickly agree that each of us has to deal with these new issues. And we have to find our role in this changed world. Networking events such as the WCTC 2019 are not only ideal to discuss such strategic challenges. They also help to strengthen global networking and cooperation in the industry in turbulent times.

As President of ECTA, I would like to thank our hosts, sponsors and speakers for their contribution to the success of the event. I am looking forward to a great event, hot discussions and warmly welcome all participants.

Yours sincerely

Marc Schuler
President of ECTA

Welcome to Germany! We are very pleased that you have found your way to us at the beautiful Lake Tegernsee.

Experiencing exciting times, we see many challenges for us as industrial entrepreneurs: What will industrial production look like in the future? Which requirements for the work of the future can be derived from this? How are our key customer industries - automotive, mechanical engineering, aviation, medical technology, electrical engineering - developing? What trade policy measures can we expect and how will they affect our sales markets worldwide?

Precision tool industry is at the heart of industrial manufacturing. Consequently, we have chosen „Tools Create Values“ as the motto for this year's world conference. For our tools not only meet the highest standards but are technology drivers. And every day, our companies worldwide provide their customers with enormous manufacturing and application know-how.

Yes, our products demonstrate our innovative strength, but our companies also have a lot to offer: Great jobs, challenging and fulfilling work content, development opportunities for young people, and all this to ensure sustainable production for us and above all for our customers.

Take the opportunity of WCTC 2019 to discuss and interact with participants from 15 nations. The events of WCTC 2019 invite networking and the lectures of prominent speakers will provide you with additional inspiration.

Let us shape the future.

Sincerely yours

Lothar Horn
Chairman of VDMA Precision Tools

Programme

Morning / Afternoon

Evening (Spouses invited)

Wednesday, June 26th

Meetings International Associations

11:15 am – 1:15 pm

USCTI Board of Directors (by invitation only), Room: Ringberg

1:30 pm – 2:30 pm

USCTI Institute Meeting (by invitation only), Room: Festsaal

2:00 pm – 4:00pm

Swissmem Meeting (by invitation only), Room: Ringsee

4:00 pm – 5:30pm

JTA Meeting (by invitation only), Room: Mühlbach-Riederstein

4:30 pm – 6:30 pm

ECTA Presidents & Secretaries (by invitation only), Room: Ringberg

Registration open from 4:00 pm till 7:00 pm

7:30 pm

International Dinner in the Conference Venue Hotel Bachmair Weissach
sponsored by VDMA Precision Tools

Dress code: Business casual



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Programme

Morning / Afternoon

Thursday, June 27th

10:00 am – 12:00 am

Registration

7:20 am **Bus shuttle from Hotel Bussi Baby**

7:30 am **Bus shuttle from Hotel Bachmair Weissach**

9:30 am – 3:00 pm

Central Technical Tour to Munich

- guided tour through Nymphenburg Palace
- MTU Aero Engines Tour
- Lunch in Schlosscafe Palmenhaus in Nymphenburg Palace Park

**Bus shuttle back to Hotel Bussi Baby
and Hotel Bachmair Weissach**

Evening (Spouses invited)

7:00 pm

BBQ at the creek in the Conference Venue Hotel Bachmair Weissach
sponsored by Paul Horn GmbH.

Dress code: Business casual, due to the ground no high heels are recommended.

**Bus shuttle between Hotel Bachmair Wiessach
and Hotel Bussi baby is available between
6:45 pm – 10:00 pm.**

**For all participants who could not book a
Technical Tour we offer a bus transfer to the
city centre of Munich.**

8:15 am from hotel Bussi Baby

8:30 am from hotel Bachmair Weissach

3:00 pm shuttle from Munich to the hotel

5:00 pm – 7:00 pm

Registration



MAN Truck & Bus Forum cancelled by MAN

Tour to MAN Truck & Bus has been cancelled by MAN! All participants registered for the MAN Truck & Bus Tour will have the chance to visit MTU Aero Engines instead.

Nymphenburg Palace

Nymphenburg Palace forms a unit with the Nymphenburg Palace Park and the small park castles. It is one of the largest royal castles in Europe. Its span of 632 metres (north-south axis) exceeds even that of Versailles Castle.

Explore the palace and its wonderful park!



MTU Aero Engines

In aviation, three letters stand for high-tech of a special kind - MTU. MTU Aero Engines has been providing power in the sky for decades. With its innovative technologies, products and services, it brings military and commercial aircraft and helicopters into the air.

Germany's leading engine manufacturer is one of the major players in the industry internationally. With its products, MTU is represented in all thrust and power classes as well as in the key components and subsystems of an engine. The company is a technological leader in the fields of high-pressure compressors, low-pressure turbines, turbine intermediate housings, manufacturing and repair processes - they are among the best on the market. Around a third of all commercial aircraft fly with MTU technologies.

The company's headquarters are located in Munich on an area of about 500,000 square meters. It is from here that the company's worldwide subsidiaries and the majority of its research and development activities are controlled. Production of military and commercial engine parts takes place in several halls.

MTU also maintains a company museum at its headquarters, where over 50 exhibits from every era of motorized aviation can be seen, some of them unique, including valuable historic engines, modern engines and technologies for tomorrow's aviation. The gigantic GP7000 of the Airbus A380, the largest passenger aircraft in the world, flanked the museum entrance.

The tour leads through the MTU factory museum and the production halls.

More information: www.mtu.de

Programme

Morning / Afternoon

Friday, June 28th

8:00 am – 9:00 am

VDMA Technical Meetings: Wendeschneidplatten, Room: Mühlbach-Riederstein & Gewindewerkzeuge, Room: Ringsee (by invitation only)

9:15 am – 10:15 am

VDMA Technical Meetings: Bohrungsbearbeitung- und Fräser, Room: Mühlbach-Riederstein Spannzeuge, Room: Ringsee (by invitation only)

8:00 am – 10:15 am

VDMA Technical Meeting: Werkzeugbausitzung, Room: Ringberg (by invitation only)

10:30 am – 12:30 pm, Room: Festsaal

International economy

- Keynote by Prof. Gabriel Felbermayr, Kiel Institute for the World Economy
- Reports from USA, Europe, India, China, Japan, Korea

12:30 pm – 2:00 pm

Lunch

2:00 pm – 3:30 pm, Room: Festsaal

- Prof. Dr. sc. techn. Thomas Koch – Internal combustion engine – a technology without future?
- Jan Sibbersen – A Story about luck

3:30 pm – 4:00 pm

Coffee break

4:00 pm – 5:00 pm, Room: Festsaal

Vince Ebert – Big Dadaism, Mastering digitalization with a clear mind

6:30 pm

Bus shuttle from Hotel Bachmair Weissach and Hotel Bussi Baby

Evening
(Spouses invited)

7:30 pm

Galadinner at Hasenöhl Hof sponsored by Messe Stuttgart.

Dresscode: Dark suite, due to the ground no high heels are recommended



Jan Sibbersen - A story about luck

Jan Sibbersen is founder, owner and managing director of the triathlon brand „sailfish“. He holds the current swimming record of IRONMAN Hawaii over 3.8km (46:29min). Jan Sibbersen will give personal insights into the meticulous preparation for an IRONMAN long distance. The entrepreneur and former national team swimmer will demonstrate the importance of precise planning and optimizati-

on of details in preparation, but also how performance-oriented athletes learn to deal with defeats and jolts, be it in competition or due to external influences and injuries. In his career as an investment banker and triathlon professional, Jan Sibbersen often found himself in situations where rethinking and breaking new ground was required.



Vince Ebert – Big Dadaism, Mastering digitalization with a clear mind.

After studying physics, Vince Ebert initially worked as a management consultant and in market and trend research. In 1998 he began his career as a cabaret artist. Vince's mission for almost 20 years on stage has been to convey scientific facts within the fundamental laws of humor.

How will our work life change in the future? Will computers soon be more intelligent than people? Will they even control us? Be it in marketing, as a strategy in human resources or in the production field – nowadays the term “digitalization” is omnipresent. We get the feeling that all traditional business models must be changed or abolished all together. But will Big Data, Artificial Intelligence and the Silicon Valley geeks really cause a revolution of our everyday work life?

Big Dadaism – a provocative, funny and reassuring lecture in times of digital hysteria. And last but not least: a humorous encouragement to use our own heads!



Prof. Dr. sc. tech. Thomas Koch

Since 2013, Prof. Dr. sc. techn. Thomas Koch has been head of the Institute for Piston Engines at the Karlsruhe Institute of Technology (KIT) and responsible for combustion engine issues in the areas of research, teaching and innovation. Prior to this, he worked for 10 years at Daimler AG in various positions in commercial vehicle engine development.

The overriding goal of his activities is the further development of the combustion engine and its interactions with the main development areas:

- Further reduction of emissions from the combustion engine with the vision that the combustion engine cleans the typical city air of immissions under all operating conditions.
- long-term conversion of fuels to a sustainable basis
- System improvement of the powertrain



Prof. Gabriel Felbermayr

Prof. Felbermayr has been head of the ifo Centre for Foreign Trade and Professor of Economics, in particular Foreign Trade, at the Ludwig Maximilian University in Munich.

His main areas of research are:

- Trade costs and trade policy
- Globalisation and labour markets
- Trade and environmental policy

In March 2019 he became president of the Kiel Institute for the World Economy (IfW).

Galadinner at Hasenöhrl Hof Friday, June 28th



© Hasenöhrl-Hof



The historic Hasenöhrl farm is idyllically situated in the foothills of the Alps. The lovingly restored farm is the ideal place to stop. A learning and experience space

that is home in the best sense of the word, far away from everyday working life and at the same time in the middle of life. A unique ambient with 500 years of

history makes this place an ideal location for the Galadinner! The Galadinner is sponsored by Messe Stuttgart.
More information: www.hasenoehrl.de

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Programme

Morning

Saturday, June 29th

9:00 am Bus shuttle from Hotel Bussi Baby

9:15 am Bus shuttle from Hotel Bachmair Weissach

9:30 am

Boat trip on the lake Tegernsee

**Bus shuttle to „Wallbergbahn“ cable car
on the top of mount Wallberg**

12:30 pm

Lunch on top of mount Wallberg

**Bus shuttle back to Hotel Bachmair Weissach
and Hotel Bussi Baby**

Official closing after lunch at 2:30 pm

Boattrip

Ship ahoy! Sit on the deck and enjoy the picturesque landscape from the lake with the Tegernsee boat trip. The Tegernsee Valley is presented from its most attractive side. You will pass typical Bavarian villages, wooded hills and meadows. During the boat trip you have the opportunity to really perceive and get to know this landscape.



Lunch on mount Wallberg

The 270-degree glass facade offers a unique panoramic view from the Großglockner to the Zugspitze and the Tegernsee over the foothills of the Alps to Munich.

Bus shuttle from Hotel Bachmair Weissach and Hotel Bussi Baby will be provided.

**Official closing of the
conference at 2:30 pm.**



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Sponsors

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We thank all Sponsors of WCTC 2019 for their extraordinary support!

Partners Programme

Language
german/english

Friday, June 28th

8:45 am	Bus shuttle from Bachmair Weissach to Museum Wasmaier	
8:55 am	Bus shuttle from Hotel Bussi Baby to Museum Wasmaier	
	10:00 am – 11:00 am	Herb Walk
	10:00 am – 11:30 am	Weißwurst seminar
	11:30 am	Lunch
	1:00 pm	Museums tour
	2:30 pm	coffee break
4:00 pm	Bus shuttle back to Hotel Bachmair Weissach & Hotel Bussi Baby	

Take a breathtaking journey back in time and feel the spirit of the old bavarians.

On Friday, June 28th there will be an organized one-day tour for all partners to Markus Wasmeier Freilichtmuseum Schliersee with a lot to explore. You can choose between different tours focused on traditional handicraft, culinary tastings and herb walks. Let us inspire you!



Herb walk in the farmers's garden

Why do you buy chia seeds or matcha powder, if the superfoods are growing right next to your door? The world of edible plants is so rich and has a huge variety. Let's go and discover the natural treasures and the healing power of the wild herbs and plants.



Weißwurst seminar (veal sausage/white sausage seminar)

Weißwurst is probably just as much a part of Bavaria as beer. Dive into the „world of Weißwurst“ with us and actively prepare your own Weißwurst. The reward for the work done is a subsequent Weisswurst meal with an oven-fresh pretzel.



Museum tour and handicraft guide

The old fashioned bavarian guided tours through the museum provides unique and fascinating insights into the daily life of farmers from the 18th and 19th centuries. You can experience the „good old days“ and well-tried traditions in all its facets. Together we rediscover long-forgotten ancient traditions and bring it back to life.

Recommendations & Tips

Nearby



© Gisela-Schregle

1. Guided Tours and more

Discover the breath-taking panoramas, picturesque towns and stunning historical facts of the Tegernsee Valley under the guidance of a certified tour guide. Our charming and knowledgeable team of guides offers a diverse range of tours – from city strolls to mountain hikes and e-bike rides, from visits to baroque churches and castles to a hearty meal in a mountain inn.

For further informations or to organise tours for individual advice, please contact: gruppenreisen@tegernsee.com



© Dietmar_Denger

2. Klosteranlage Tegernsee and Pfarrkirche St. Quirinus

The monastery Tegernsee was founded in the 8th century abbey of the Benedictines on Tegernsee in the city Tegernsee in Bavaria. Until 1803 it was the most important Benedictine abbey of Upper Bavaria. Today, the buildings of the monastery are located as Schloss Tegernsee and is one of the most popular spots of its town.



© Dietmar_Denger

3. The tourism office Tegernsee offers a lot activities and gives you a good inside in the region around the lake.

<https://www.tegernsee.com/en/>



Precision Tools

Organisations

ECTA – European Cutting Tools Association

Lyoner Strasse 18
60528 Frankfurt/Main

Phone: +49 69 6603 1467
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Web: www.ecta-tools.org

VDMA Precision Tools

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Web: www.pwz.vdma.org

Conference Organiser

Gesellschaft zur Förderung des Maschinenbaues mbH

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Venues

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83700 Rottach-Egern

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Email: reservierung@bachmair-weissach.com
Web: www.bachmair-weissach.com


Hotel Bussi Baby

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Vision becomes reality – our passion for your success

Offering high productivity, manufacturing reliability and resource efficiency, advanced surface solutions are playing an increasingly important role in the tool industry. For over 70 years Oerlikon Balzers has worked closely alongside its customers and collaborated with research institutes to develop surface solutions for precision tools and components used in a wide range of industries.

Every day at our headquarters in Liechtenstein and in more than 110 coating centres in 36 countries around the world, our staff harness their passion for our surface solutions to make the world a better place – and develop new solutions which not only deliver ultimate performance, but also make the world of tools a little bit more colourful.

**To find out more about our passion for surface solutions, visit
www.oerlikon.com/balzers**

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