

Scope

The European Conference on Tribology 2019 (ECOTRIB 2019) is the seventh in the series of this biennial conference events primarily focused on the economy and industrial landscape of Central and South Europe. This conference will be organized in Austria by the Austrian Tribology Society – in cooperation with the Austrian Center of Competence for Tribology (AC²T) and the TU Wien (Technische Universität Wien) – and the ECOTRIB partners: the Italian Tribology Association, the Slovenian Society for Tribology and Swiss Tribology.

Organizing Committee

Dr. Nicole DÖRR, AC²T research GmbH, ÖTG; AT
Prof. Dr. Friedrich FRANEK, AC²T research GmbH, ÖTG; AT
Dr. Andreas MERSTALLINGER, Aerospace & Advanced Composites GmbH; AT
Prof. Dr. Andreas PAUSCHITZ, AC²T research GmbH; AT
Prof. Dr. Enrico CIULLI, Università di Pisa; IT
Prof. Dr. Paolo PENNACHI, Politecnico di Milano; IT
Prof. Dr. Mitjan KALIN, University of Ljubljana, SI
Uroš GORJANC, Olma d.o.o.; SI
Dr. Rowena CROCKET, Empa Zurich, CH
Prof. Dr. Nicholas SPENCER, ETH Zurich, CH

Scientific Committee / Program Scheduling

Dr. Ewald BADISCH, AC²T research GmbH, ÖTG; AT
Prof. Dr. Carsten GACHOT, TU Wien; AT
Dr. Gerwin PREISINGER, SKF Österreich AG; AT
Prof. Dr. Giuseppe CARBONE, Politecnico di Bari; IT
Prof. Dr. Adolfo Senatore, Università degli Studi di Salerno; IT
Prof. Dr. Andrea TRIVELLA, Politecnico di Torino; IT
Aleš ARNŠEK, Petrol d.d.; SI
Lucija ČOGA, University of Ljubljana; SI
Marko POLAJNAR, University of Ljubljana; SI
Dr. Rowena CROCKET, Empa Zurich, CH
Dr. Mousab HADAD, Nova Werke AG; CH
Prof. Dr. Nicholas SPENCER, ETH Zurich, CH

Important deadlines / dates

04 March 2019	Submission of abstracts ! EXTENDED !
17 March 2019	Confirmation of acceptance
29 March 2019	Deadline for early bird registration (reduced conference fee for participants)
29 March 2019	Deadline for author's payment for including of presentation/paper title in the program
10 April 2019	Submission of final version of (extended) abstract
17 May 2019	Deadline for exhibitors' registration

Please register not later than May 17th, 2019 at

<http://ecotrib2019.oetg.at/>



Subject to change without notice!

We are looking forward to welcome you at the ECOTRIB 2019!

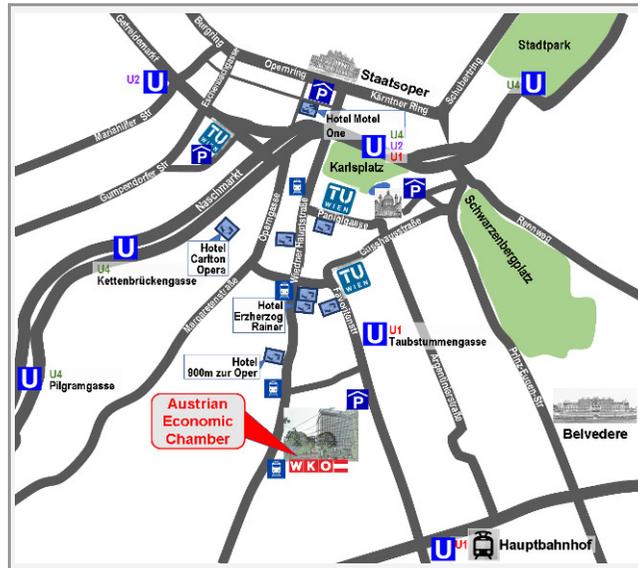
Participation Fee

Regular fee for participants or presenters (valid for one presentation)	€ 500,-
Reduced fee (early bird registration and payment)	€ 420,-
Speakers Fee for "commercial presentations" (valid for max. one person per paper/presentation)	€ 840,-
Exhibitors (including booth fee and conference participation for one person)	€ 1250,-
Bachelor or master students (proof of student status is required), according to available capacity on site	€ 0,-
Special conference event/banquet, per person (participants resp. accompanying person)	€ 90,-

Participation fee includes proceedings/electronic access, coffee breaks, short lunches and tour of labs. **All prices excl. 10 % VAT !**
Detailed conditions can be found on the conference homepage.

Venue (12/13 June 2019)

Austrian Economic Chamber
Wiedner Hauptstraße 63, 1045 Wien, Austria
☎ +43 (0)5 90 900-3482



Responsible Organizer / Office

ÖTG – ÖSTERREICHISCHE TRIBOLOGISCHE GESELLSCHAFT
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ECOTRIB 2019

7th European Conference on Tribology

with the special event

4th Austria-India-Symposium on Materials Engineering and Tribology

12 – 14 June 2019

Venue

Austrian Economic Chamber
Wiedner Hauptstraße 63, 1045 Wien, Austria

Tour of Labs (14 June): tfz – Wiener Neustadt
Viktor-Kaplan-Str. 2/A, 2700 Wiener Neustadt

organized by



Austrian
Tribology
Society



Italian
Tribology
Association



Slovenian
Society for
Tribology



Swiss
Tribology

co-organized / supported by



FACHVERBAND
METALLTECHNISCHE
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ASSOCIATION OF
METALTECHNOLOGY
INDUSTRIES

Bundesministerium
Verkehr, Innovation
und Technologie



*) requested

Topics

Major topics addressed by ECOTRIB 2019 will be

- **Tribology impacts on ecology and economy**
- **Fundamentals of tribology / Nanotribology**
- **Novel lubricants and lubrication concepts**
- **Smart materials and functional coatings**
- **Tribology in production processes**
- **Tribology in transportation and logistics**
- **Tribology of machine elements**
- **Tribosystem reliability, lifetime assessment, condition monitoring**
- **Modelling and simulation of tribological processes and systems**
- **Tribosensors and measuring methods for tribological tasks**
- **Tribocorrosion / Tribology under extreme conditions**
- **Biotribology / Tribology in life sciences**

Scheme of the Conference

On 12 June 2019 morning a Plenary Session is scheduled. On 12 June 2019 afternoon and 13 June 2019 ECOTRIB 2019 will provide oral presentations (15 min presentation + 5 min discussion, for invited talks: 20 min presentation + 5 min discussion) in up to five parallel sessions in the so-called "Octogon" area of the venue. Posters presenting scientific / technical content will be accessible during the whole time in one of the rooms at the Octogon.

It is intended to include the **Austria-India-Conference on Tribology 2019** planned the same time as one of the conference sessions.

On 14 June 2019 a Tour of Labs (tfz – Technology and Research Centre Wiener Neustadt) is offered. Shuttle buses will bring you from Vienna to Wiener Neustadt. Time is reserved for networking as well as a guided tour through the city of Wiener Neustadt. This day's program will be finished by a Farewell Party. Shuttle busses will bring you back to Vienna or, if requested, directly to Vienna International Airport.

Invited speakers include:

Maria Isabel de BARROS BOUCHET, École Centrale de Lyon, FR

Bharat BHUSHAN, Ohio State University, Columbus, USA

Henara COSTA, Universidade Federal do Rio Grande, Rio Grande, BR

Daniele DINI, Imperial College London, London, GB

Gwidon STACHOWIAK, Curtin University, Perth, AU

Ali ERDEMIR, Argonne National Laboratory, Argonne, USA

Nuria ESPALLARGAS, Gemini Centre "Tribology", NTNU, Gløshaugen, NO

Michel FILLON, Institut Pprime, CNRS – Université de Poitiers, FR

Carsten GACHOT, Tribology Group, TU Wien, Vienna, AT

Hannes HICK, IME - TU Graz, Graz, AT

Mohammed El MANSORI, Arts et Métiers Paris Tech, Paris, FR

Jean Michel MARTIN, Université de Lyon, École Centrale de Lyon, FR

Ashlie MARTINI, University of California, Merced, USA

Helena RONKAINEN, VTT Technical Research Centre of Finland, Espoo, FI

Paper submission

Proposals for oral or poster presentations are welcome. Please submit abstracts / summaries of **maximum one page** (incl. tables, figures and list of references), providing sufficient details of the work and indicating one or two of the above topics. The final version of the abstracts have to be edited according to the guide for authors that can be found on the conference homepage.

Registration

For the registration to the ECOTRIB 2019, please complete the application/registration form available on the input screen of the conference webpage <http://ecotrib2019.oetg.at>. In case of difficulties you may download a form from the webpage and email it to the conference secretariat (ecotrib2019@oetg.at) together with the proof of payment.

Participants upon registration accept the General Terms and Conditions of the ÖTG – Austrian Tribology Society, please cf. <https://www.oetg.at/en/verein/general-terms-and-conditions-gtc/>. In particular they agree that photos of the participants are taken during the conference and the accompanying events.

Exhibition for ECOTRIB 2019

On 12 and 13 June 2019 we invite you to present your company/institution in the fields of Tribology and related technologies our special exhibition. We can offer you one exhibition booth (approx. 2.5 m², with power outlet, table and chairs) including free conference attendance of one person, your logo and link on the conference homepage as well as your logo in the conference proceedings. Please contact the conference office and place your order under ecotrib2019@oetg.at.

Conference Proceedings

All accepted papers (correctly formatted) will be published as abstracts (final version, 1 page max.) in the printed book of abstracts distributed

to the participants at the conference. Electronic access to the papers (abstracts) will be installed for the participants upon log-in to the conference homepage for a restricted period of time.

The best papers presented at the conference will be selected and proposed for submission as a full paper to be published in peer-reviewed international journals.

Location

After a series of successful events in Wien and the "Vienna Region" is appointed once more to be the venue for the next ECOTRIB conference, following a certain tradition reminding on the "World Tribology Congress 2001", Wien. Similarly to a previous ECOTRIB event in 2011 ECOTRIB 2019 will be hosted by the **Association of Metal-Technology Industries**, Austrian Economic Chamber, Wien.

The capital of Austria is located in the heart of Europe and one of the four official residences of the United Nations. The city welcomes millions of tourists every year with its proverbial Viennese hospitality. A couple of centuries Wien was the residence of the Habsburg dynasty and since that time Wien has a great diversity of magnificent historical buildings, churches and parks. Nowadays, Wien and the "Vienna Region" exhibit as well a modern architecture, high-tech industries, and education and research institutions, like the "Centre of Excellence of Tribology" in Wiener Neustadt (tour of labs will be scheduled), with many connections to the core tasks of tribology.

Accommodation Information

May and June are most attractive months for visiting Vienna. Beside fine weather conditions, tourists will find a rich program of cultural events ("Wiener Festwochen"). Thus, people interested in participating the ECOTRIB congress are advised to book accommodation duly in advance. Please look up the relevant web portals or <https://www.wien.info/en>.

Transportation Information

Vienna is easily accessible via Vienna International Airport by airplanes and as well via "Wien Hauptbahnhof" (main railway station) by transnational express trains, a number of them also connecting the main railway station with the airport.

The public transport facilities (underground, trams and busses) are available in a dense network. A single ride is EUR 2.40 (for people 63plus EUR 1.50). With the Vienna Card you can travel around in the "core zone" of the city for 24, 48 or 72 hours as much as you want. Destination Vienna International Airport unfortunately is not included – separate ticket is necessary! Also a weekly passes are available. Details: <https://www.wien.info/en/travel-info/transport>.

