

WTC 2013 is the fifth World Tribology Congress, which will take place in Torino, Italy, after the sessions in London (1997), Vienna (2001), Washington DC (2005) and Kyoto (2009). The main objective of these meetings is to provide a unique opportunity of discussion concerning recent progresses in different aspects of tribology and strengthen the linkage between academy and industry.

The World Tribology Congress 2013 is organized by the Italian Tribology Association (AIT). The World Tribology Congress explores every aspect of fundamental and applied tribology research. The range of topics to be discussed embraces all aspects of concern including advanced materials, corrosion, energy applications, lubricants with particular attention to the environmental impact. A sustainable development is today recognized as an inevitable priority for industries operating in current world. Scientists and engineers that operate in the field of tribology must be familiar with a wide range of issues, including material characterization, surface mechanics, compatible lubricants, chemical and biological processes, computer simulation and many others. WTC V will highlight how tribology fundamentals and applied studies can supply an essential support to obtain significant savings in materials and energy consumption and minimize the environmental impact.

There will be other Events organized jointly with WTC 2013:

- **ECOTRIB 2013** - "Tribology of Machine Elements" as a part of WTC V
- **VIENNANO '13** - "NanoTechnology" as a part of WTC V
- **ADDNANO** - The Development and scale-up of innovative nanotechnology-based processes into the value chain of the lubricants market as a part of WTC V

A joint Event will be organized prior to WTC, September 4-6, 2013, in Lyon, France:

- **tribo-lyon2013** event combining the 40th LEEDS-LYON Symposium on Tribology & The Tribochemistry Forum 2013

Registration

Early registration (by April 30, 2013):	Euro	640,00
Early registration for AIT Members and for Members of cooperating societies* (by April 30, 2013):	Euro	590,00
Regular registration (after April 30, 2013):	Euro	720,00
Regular registration for AIT Members and for Members of cooperating societies* (after April 30, 2013):	Euro	670,00
Students and retired:	Euro	350,00
One day:	Euro	450,00
Gala dinner fee:	Euro	90,00

To register to the congress visit the page Registration on the web site www.wtc2013.it
The registration fee includes: 21% vat, free access to the scientific session, free access to the exhibition, congress material. In case of multiple abstract submissions, the author has to pay one registration fee for each accepted paper.

*Cooperating societies (updated October 2012):

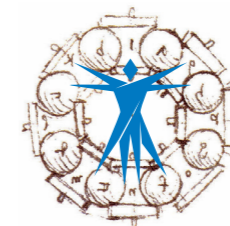
- Armenia Tribology Committee, Armenia
- Austrian Tribology Society, Austria
- Society of Tribologists of Belarus, Belarus
- Tribology Division of the Brazilian Association for Metals, Materials and Mining, Brazil
- Society of Bulgarian Tribologists, Bulgaria
- Chinese Tribology Institute, China
- Czech Tribology Society, Czech Republic
- Egyptian Society for Tribology, Egypt
- Finnish Society for Tribology, Finland
- Groupe Scientifique et Technique Tribologie of the Association Française de Mécanique, France
- Tribology Society of Georgia, Georgia
- Gesellschaft für Tribologie e.V., Germany
- Tribology Group, Scientific Society of Mechanical Engineers, Hungary
- Tribology Society of India, India
- The Israel Society for Tribology, Israel
- AIM – Associazione Italiana di Metallurgia, Italy
- AIMETA – Associazione Italiana di Meccanica Teorica e Applicata, Italy
- Japanese Society of Tribologists, Japan
- Korean Society of Tribologists and Lubrication Engineers, Korea
- Lithuanian Scientific Society Department Tribologija, Lithuania
- The Norwegian Tribology Society, Norway
- Polish Tribology Society, Poland
- Sociedade Portuguesa de Materiais, Portugal
- The Romanian Association of Tribology, Romania
- The Tribology Council of the Russian Academy of Sciences, Russia
- Serbian Tribology Association, Serbia
- Slovak Society of Tribology, Slovak Republic
- Slovenian Society of Tribologists, Slovenia
- South African Institute of Tribology, South Africa
- Svenska Tribologi Guppen, Sweden
- Swiss Tribology, Switzerland
- Dutch Tribological Society, The Netherlands
- Tribology Group Committee The Institution of Mechanical Engineers, UK
- Society of Tribologists and Lubrication Engineers, USA

Organizing Secretariat



Centro Congressi Internazionale s.r.l.

Via San Francesco da Paola, 37 – Torino – Italy
Ph. +39 011 2446911 – Fax +30 011 2446950 – e-mail: info@wtc2013.it

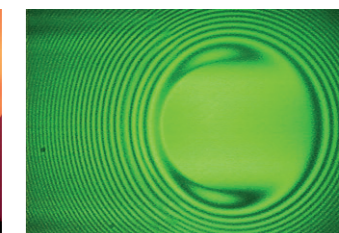
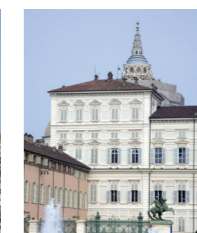


WTC 2013

5th world TRIBOLOGY congress

September, 8-13, 2013
Palaeolimpico

TORINO
Italy



www.wtc2013.it

Organizing Committee

Terenziano Raparelli (Politecnico di Torino, Italy - Chair)
Muzio Gola (Politecnico di Torino, Italy - Vice-Chair)
Luigi Mazza (Politecnico di Torino, Italy - Secretary)
Enrica Cane (SKF Industrie Spa)
Federico Colombo (Politecnico di Torino, Italy)
Flavia Gili (Centro Ricerche Fiat SCpA, Italy)
Andrea Trivella (Politecnico di Torino, Italy)

Program Committee

Enrico Ciulli (Università di Pisa, Italy - Chair)
Roberto Bassani (Università di Pisa, Italy - Honorary Chair)
Bruno Piccigallo (Accademia Navale Livorno, Italy - Vice-Chair)
Benyebka Bou-Said (INSA-Lyon, France)
Luís Ferreira (University of Porto, Portugal)
Mitjan Kalin (University of Ljubljana, Slovenia)
Nikolai Myshkin (National Academy of Sciences, Belarus)
Andreas Pauschitz (AC²T Research GmbH, Austria)
Nicholas D. Spencer (ETH Zurich, Switzerland)

International Advisory Board

H. Peter Jost (ITC President - Honorary Chair)
Wilfried J. Bartz (Germany)
José Daniel Biasoli de Mello (Brasil)
Michael T. Dugger (USA)
Friedrich Franek (Austria)
Jean Frene (France)
Sergei Glavatskikh (Sweden)
Irina G. Goryacheva (Russia)
Kenneth Holmberg (Finland)
Satish V. Kailas (India)
Dae-Eun Kim (Korea)
Yoshitsugu Kimura (Japan)
Jianbin Luo (China)
Hugh A. Spikes (UK)
Gwidon Stachowiak (Australia)
Patrick G. Swan (South Africa)

National Advisory Board

Guido Belforte (Politecnico di Torino)
Massimiliano Bestetti (Centro Rivestimenti AIM)
Federico Cheli (Politecnico di Milano)
Carlo Cinquini (AIMETA)
Ignazio Crivelli Visconti (AMME-ASMECCANICA)
Alberto Demenego (AVIO Spa)
Fabrizio Micari (AITEM)
Edzeario Prati (Università di Parma)
Guido Saracco (Politecnico di Torino)
Massimo Sorli (Politecnico di Torino)
Laura Vergani (AIAS)

Committees



- Ecotribology
- Biotribology
- Biomimetics
- Surface Tribology
- Dry Friction and Wear
- Lubricants and Additives
- Lubrication Fundamentals
- Bearings
- Tribology in Manufacturing
- Tribology of Materials
- Joint Mechanics
- Novel Aspects in Tribology
- VIENNANO '13 - NanoTechnology
- ECOTRIB 2013 - Tribology of Machine Elements



Topics

Submission information

Papers are invited on the topics outlined. Abstract should clearly state the purpose and the results of the work.

Please complete the submission procedure at the following address: www.wtc2013.it

For information please contact the following address: program@wtc2013.it

Deadlines

- Deadline for abstract submission: ~~October 31, 2012~~ Extended deadline **November 30, 2012**
- Notification of acceptance: **December 31, 2012**
- Final extended abstract submission: **April 30, 2013**
- Deadline for registration of authors: **April 30, 2013**
- Deadline for registration at reduced fee: **April 30, 2013**

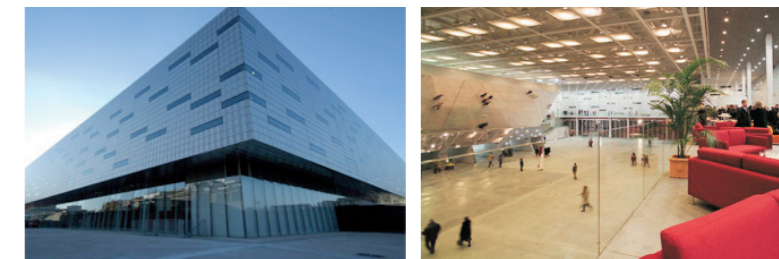
Benefits of attending

Networking: interaction and condision of results and experiences.

Journal Papers: agreement with international journals for publication of full papers.

Exhibition

The technical exhibition will provide an interesting opportunity for Industries, Academia and Research Centres for demonstrating their most updated production.



Conference venue and location

Torino, former Italian capital, is an important academic and industrial city. Politecnico di Torino is one of the most important research universities in Europe, strongly committed to collaboration with industry. Turin hosted Winter Olympic Games in 2006 and can offer proper accommodation facilities. The conference location (Palaolimpico) is just 10 miles far from the international airport of Torino. It has multiple rooms for parallel sessions and a plenary hall that can host more than 1000 participants. Foyer of Palaolimpico has a surface of about 4000 m² and will host the technical exhibition.

How to get to Torino

By plane:

Torino Caselle International Airport, is linked with direct flights from/to the major European cities.

Milano Malpensa Airport, just 140 Km from downtown Torino. Shuttle buses are available from the airport to Torino bus station and railways stations.

By train:

Direct and high speed trains link Torino to Milano, Rome, Paris and other European cities.



General Information