

25th International Congress of Theoretical and Applied Mechanics

*Milano, August 23-28, 2020
MiCo Congress Centre*

**SPONSORSHIP &
EXHIBITION BROCHURE**

under the auspices of



**POLITECNICO
MILANO 1863**



www.ictam2020.org

WELCOME MESSAGE

Milano will have the privilege of hosting the **25th International Congress of Theoretical and Applied Mechanics (25th ICTAM) from 23 to 28 August 2020**. This edition will follow the 24th ICTAM held in Montreal in August 2016.

ICTAM congresses are organized under the auspices of the **International Union of Theoretical and Applied Mechanics (IUTAM)** and gather every four years the mechanics community from around the world. These are unique occasions to discuss of science, strengthen relationships, create new contacts and gain a direct experience of the new progresses in mechanics and of the continuously growing field of applications of this ever-green discipline.

The 25th ICTAM will be hosted in the **Milano Congressi (MiCo) center**, located nearby the brand new neighborhood of Milano called CityLife, which comprises a large shopping district, three new tall buildings designed by the renowned archistars Zaha Hadid, Arata Isozaki and Daniel Libeskind, a public park and several luxury residential buildings. MiCo is not far from the town center and is optimally served by underground and surface public transports. Numerous hotel rooms and dormitories have been secured within walking distance or few minutes public transport from MiCo.

Participation in the 25th ICTAM will allow you to enjoy the high quality scientific program that will be setup by the International Congress Committee and to strengthen ties with old friends and colleagues, while establishing new connections for your research. Milano will offer you the richness of an invaluable historical heritage, famous nightlife and shopping and a great opportunity to explore the region around Milano with daily tours and the center-north of Italy with pre and post congress tours. You will have the possibility to reach world-wide known historical towns like Venice, Florence, Rome, wonderful sea-side villages like Le cinque Terre and Portofino, and natural wonders like Alpine Monte Bianco or Monte Rosa and Maggiore, Como and Garda lakes.

The Organization of 25th ICTAM in Milano will be supported by AIMETA, the Italian Association of Theoretical and Applied Mechanics, in collaboration with Politecnico di Milano and Università di Pavia, which provide the highly experienced and motivated Local Organizing Committee. 2020 will also be a special year for ICTAM in Italy, since this will be the second time an ICTAM Congress will be organized in our Country, 60 years after the 10th ICTAM, held in Stresa in 1960.

On behalf of the Local Organizing Committee and of the IUTAM Congress Committee, I would like to let you have my warmest invitation to join us in Milano for the 25th ICTAM.

Mark your agenda today!

We look forward to welcoming you in Milano from 23 to 28 August 2020.



ALBERTO CORIGLIANO
President 25th ICTAM

Expected Attendance 2,000

CONGRESS CENTRE



MiCo - Milano Congressi

North Wing
Via Gattamelata, Gate 14
Milano - Italy

Located in the city centre

- ✓ 4 km away from the Duomo
- ✓ 11 km from Linate airport
- ✓ 5 km from Central Railway Station
- ✓ 40 km from Malpensa airport
- ✓ 60 km away from Orio al Serio airport

ORGANIZING SECRETARIAT



AIM GROUP INTERNATIONAL

Milan Office

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20141 Milano - Italy
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e-mail: ictam2020@aimgroup.eu
web: www.ictam2020.org

PROGRAMME

PLENARY LECTURERS

Opening Lecture:

Professor Nicola Pugno

University of Trento

Closing Lecture:

Doctor Elisabeth Guazzelli

Senior scientist CNRS

Laboratoire Matière et Systèmes Complexes, Université de Paris, CNRS

SECTIONAL LECTURERS

Professor Balakumar Balachandran

Department of Mechanical Engineering

University of Maryland, College Park

Professor Alessandro Bottaro

DICCA

Università di Genova

Professor Antonio De Simone

The BioRobotics Institute

Scuola Superiore Sant'Anna

Pisa

Professor Vikram Deshpande

Department of Engineering

University of Cambridge

Professor Frederic Dias

School of Mathematics and Statistics

University College

Dublin

Professor Xi-Qiao Feng

Department of Engineering Mechanics

Tsinghua University

Professor Genta Kawahara

Department of Mechanical Science and Bioengineering

Osaka University

Professor Ellen Kuhl

Department of Mechanical Engineering

Stanford University

PROGRAMME

Professor Eric Lauga

Department of Applied Mathematics and Theoretical Physics
University of Cambridge

Professor Jean-Baptiste Leblond

Institut Jean le Rond d'Alembert
Université Pierre et Marie Curie

Professor Christian Niordson

Department of Mechanical Engineering
Technical University of Denmark

Professor Clarence Rowley

Department of Mechanical and Aerospace Engineering
Princeton University

Professor Miles Rubin

Faculty of Mechanical Engineering
The Technion

Professor Cameron Tropea

Fachgebiet Strömungslehre und Aerodynamik
TU Darmstadt

Professor Roberto Verzicco

Department of Industrial Engineering
Università di Roma "Tor Vergata"

Professor Emmanuel Villermaux

IRPHE
Aix-Marseille Université

PROGRAMME

MINI SYMPOSIA

- 1 Modeling and controlling turbulent shear flows
- 2 Local mechanics of climate processes
- 3 Biological fluid-structure interaction at the microscale
- 4 Nonlinear dynamics for design
- 5 Mechanics of additive manufacturing
- 6 Mechanics of C-allotropic materials and structures

THEMATIC SESSIONS

Fluids Topics

- FM01** Biological Fluid Mechanics
- FM02** Boundary Layers
- FM03** Combustion and Flames
- FM04** Compressible Flows
- FM05** Convection
- FM06** Drops, Bubbles and Interfaces
- FM07** Multiphase and Particle-Laden Flows
- FM08** Flow Instability and Transition
- FM09** Thin Film Flows
- FM10** Geophysical and Environmental Fluid Dynamics
- FM11** Low-Reynolds-number flows and suspensions
- FM12** Micro- and Nano-fluidics
- FM13** Non-Newtonian and Complex Fluids
- FM14** Computational Fluid Dynamics
- FM15** Turbulence
- FM16** Vortex Dynamics
- FM17** Waves in Fluids
- FM18** Electro- and Magneto- Hydrodynamics
- FM19** Other Topics in Fluid Mechanics

PROGRAMME

Solids Topics

- SM01** Biomechanics and Biomaterials
- SM02** Tribology - Contact and Friction
- SM03** Damage Mechanics
- SM04** Elasticity
- SM05** Fracture Mechanics
- SM06** Geophysics and Geomechanics
- SM07** Impact Mechanics and Wave Propagation
- SM08** Multi-component, Composites and Hierarchical Materials
- SM09** Phase Transformations and Thermomechanical Phenomena
- SM10** Scalescale Effects in Materials
- SM11** Multibody and Vehicle Dynamics
- SM12** Nanostructures and MEMS
- SM13** Plasticity, Viscoplasticity and Creep
- SM14** Stability and Instability of Materials and Structures
- SM15** Computational Solid Mechanics
- SM16** Vibrations and Control of Structures
- SM17** Soft Materials and Extremely Deformable Structures
- SM18** Metamaterials
- SM19** Other Topics in Solid Mechanics

PROGRAMME

Solids/Fluids Topics

- FS01** Acoustics
- FS02** Exascale Computing
- FS03** Experimental Methods in Mechanics
- FS04** Nonlinear Dynamics and Pattern Formation
- FS05** Porous Media
- FS06** Fluid Structure Interactions
- FS07** Smart Actuating Systems
- FS08** Granular Materials and Flows
- FS09** Foams and Cellular Materials
- FS10** Optimization for Solids and Fluids
- FS11** Inverse problems in fluid and solid mechanics
- FS12** Education in Mechanics

SPONSORSHIP OPPORTUNITIES

SPONSORSHIP LEVELS *(VAT excluded)*

PLATINUM SPONSOR - € 20.000 (1 Package available)

BENEFITS

- Sponsor logo and description will be listed prominently in official Congress communications including the website, the final program, and onsite signage.
- Acknowledgements at conference closing ceremony.
- Proportional logo displayed on overhead screen at the start of each technical session.
- One (1) full page colour advertisement in Final Program.
- First Priority placement in exhibition hall.
- Logo on final program back cover.
- One (1) page insert in the delegate bag.
- Three (3) complimentary registrations.

GOLD SPONSOR – € 15.000 (3 Packages available)

BENEFITS

- Sponsor logo and description will be listed prominently in official Congress communications including the website, the final program, and onsite signage.
- Acknowledgements at conference closing ceremony.
- Proportional logo displayed on overhead screen at the start of each technical session.
- One (1) half page colour advertisement in Final Program.
- Second Priority placement in exhibition hall.
- Logo on final program back cover.
- Two (2) complimentary registrations.

SILVER SPONSOR – € 10.000 (5 Packages available)

BENEFITS

- Sponsor logo and description will be listed prominently in official Congress communications including the website, the final program, and onsite signage.
- Acknowledgements at conference closing ceremony.
- Third Priority placement in exhibition hall.
- One (1) complimentary registration.

BRONZE SPONSOR – € 5.000 (unlimited packages available)

BENEFITS

- Sponsor logo and description will be listed prominently in official Congress communications including the website and the final program.
- Acknowledgements at conference closing ceremony.

SPONSORSHIP OPPORTUNITIES

SPONSORSHIP ITEMS *(VAT excluded)*

The total of your sponsorship items will determine your sponsorship level as outlined above.

SOCIAL ACTIVITIES

Welcome Reception

Full visibility and verbal recognition at the Welcome Reception, to take place on Monday August 24 at the Congress Centre.

EXCLUSIVE € 10.000

Banquet

Full visibility and verbal recognition at the Banquet Details of the official ICTAM Banquet dates and location are forthcoming.

EXCLUSIVE € 10.000

Coffee Breaks

Monday to Friday (morning and afternoon)

Full visibility during each coffee break.

ONE SPONSOR PER COFFEE BREAK € 5.000 each

Water dispensers

During the whole duration of the Congress, water dispenser will be available to delegates in the congress centre.

Sponsor's logo visible on the dispensers.

EXCLUSIVE € 5.000

PROMOTIONAL ITEMS

Delegate Bags

Company logo printed on the delegate bags with the Congress logo.

EXCLUSIVE € 10.000

Notepads

Congress logo and Sponsor's logo printed on notepads (inserted in each Congress bags)

EXCLUSIVE € 5.000

Pens

Congress logo and Sponsor's logo printed on pens (inserted in each Congress bags)

EXCLUSIVE € 5.000

Delegate's Bag Inserts *(one page)*

Opportunity to put an insert into the delegate's bag. This will be a color one-pager, to be provided by Sponsor.

UNLIMITED € 3.000

SPONSORSHIP OPPORTUNITIES

Lanyards

Opportunity to supply the official congress name badge lanyard with sponsor logo, which must be worn by all delegates throughout the congress.

Sponsor may use any vendor to produce the lanyards and is responsible for production costs.

EXCLUSIVE

€ 7.500

Wi-fi

Sponsor's website displayed on opening screens of WiFi connection

Acknowledgement in final Congress program

To access congress wifi net, guests will type a password (customized by the sponsor).

The landing page of the 1st access will be the Sponsor website.

EXCLUSIVE

€ 10.000

Internet Corner

Opportunity to display company information and logo in the internet corner, with all computers defaulting to sponsor's official website.

Acknowledgement in final Congress program

EXCLUSIVE

€ 5.000

Advertising Opportunities

Final Program Full Page in color

UNLIMITED

€ 3.000

Final Program Half Page in color

UNLIMITED

€ 1.500

Relaxing area

Sponsor's logo visible in the relaxing area for whole duration of Congress

UNLIMITED

€ 3.000

Selfie corner

Sponsor's logo visible in the selfie corner area for whole duration of Congress

Acknowledgement in final Congress program

EXCLUSIVE

€ 5.000

Devices charger

A totem with different recharge plugs for devices will be placed into the exhibition area/registration area

Sponsor's logo visible in the device charger area for whole duration of Congress

Acknowledgement in final Congress program

UNLIMITED

€ 5.000

SPONSORSHIP OPPORTUNITIES

EDUCATIONAL OPPORTUNITIES

Sponsorship Scholarship Support

Opportunity to be named as sponsor for delegates registrations and/or travel and/or accommodation (criteria to apply to be agreed with the Organising Committee)

UNLIMITED

to be defined

Scientific Sessions

Sponsor's name will be listed at the selected Session, on the website and in the final program.

Note that this does not afford the sponsor any control over the content of the session.

Thematic Sessions:

€ 2.000

Mini-Symposia:

€ 3.000

Opening/Closing Ceremony & Lecture:

€ 5.000

The sponsor will be acknowledged with the logo projected on the screen in the meeting room. Possibility to display its information material at the entrance of the meeting room.

Workshops and Onsite Presentations Opportunities (Lunch time only) *

Varied room sizes available

starting from € 3.000

* Workshops and presentations

Congress provides multiple opportunities for product presentation and workshops.

Organizers would be happy to help promote the event on Congress website and program.

1. All side meeting requests will be approved by the Organizing Committee to ensure they are compatible with the goals of the Congress.
2. In some cases, a reset could be accommodated, in others, time will not permit. Any reset, additional AV or electricity must be paid for by the organizer.
3. Organizers of workshops/presentations must assume the cost of any food & beverage they wish to offer, noting that the venue has an exclusive caterer – only food or beverage secured by this caterer is permitted to be offered onsite.
4. FEE for Room Rental: starting from € 3.000/session, according to room size (minimum capacity of 30 attendees with standard AV)

SPONSORSHIP OPPORTUNITIES

EXHIBITION *(VAT excluded)*

The Commercial Exhibition will be an integral part of the Scientific Program. Companies offering innovative products in this field are encouraged to seize the opportunity to exhibit.

The Scientific Program is guaranteed to attract the top professionals in the field. Circa two thousand conference participants from universities, research centres, industry and government are expected to attend.

The Welcome Reception, coffee breaks and poster sessions will be held in the Exhibition area. Participants will have time during lunch breaks to visit the Exhibition. A limited number of exhibit booths located in the proximity of the meeting rooms are available on a first-come, first-served basis (see floor plan).

Exhibit Information

Rental Fee per exhibit space 3 meters x 3 meters

€ 2.500

Rental Fee includes:

- Overnight security
- General lighting
- Heating/cooling
- Two (2) exhibitor badges (include welcome reception and coffee breaks, excludes scientific sessions)
- One (1) Congress Program
- Visibility on the Congress website with a link to exhibitors' organization description (requires receipt of exhibitor's logo, website address and 50-word company/product description)

Please note that all furnishing, power supply and internet connections must be ordered by the exhibitor.

Rental of a pre-fitted booth will be possible at an additional charge.

Booths will be assigned on a first-come, first-served basis, and all applications are subject to the approval of the Exhibit Committee. Priority placement in the exhibition hall will be given to Platinum, Gold, Silver and Bronze sponsors (in that order).

Exhibit Hours, Set-up and Dismantling

EXHIBIT HOURS

Monday August 24, 2020	18:00-21:00 (Welcome Reception)
Tuesday August 25, 2020	08:30-17:30
Wednesday August 26, 2020	08:30-13:30
Thursday August 27, 2020	08:30-17:30
Friday August 28, 2020	08:30-13:00

EXHIBITORS MOVE IN:

Monday August 24, 2020	11:00-17:00
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EXHIBITORS MOVE OUT:

Friday August 28, 2020	14:00-20:00
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SPONSORSHIP OPPORTUNITIES

Cancellation Policy for Sponsorship and Exhibition

Cancellations must be made in writing to:

e-mail: ictam2020@aimgroup.eu

phone: +39 0256601.1

fax: +39 0270048578

Cancellation charges will be as follows:

- **Cancellation received within October 23, 2019 (10 months before the congress)**
→ 20% of the sponsorship will be kept as fee
- **Cancellation received within May 23, 2020 (3 months before the congress)**
→ 50% of the sponsorship will be kept as fee
- **Cancellation received after May 23, 2020**
→ 100% of the sponsorship will be kept as fee

Method of Payment

100% of the total due, upon reservation against invoice (a contract will be sent for signature)

All the amounts and payments are in Euro (EUR). Credit cards are accepted. The due amount will be charged upon receipt of the order form.

The purchase of sponsorship items or exhibition space will only be confirmed when payment has been processed.

Bank charges are the responsibility of the payee.