**Fourth International Conference of IFToMM ITALY** 7-9 Sep. 2022, Naples





# **CALL FOR PAPERS**

The aim of the Conference is to bring together researchers, industry professionals and students not only of the Italian community from the broad ranges of disciplines referring to Mechanism Science, in an intimate, collegial and stimulating environment. The fourth International Conference of the IFToMM ITALY association will be held at the School of Polytechnic and Basic Sciences of the University of Naples "Federico II", in Naples, Italy.

### **Conference Topics**

Papers are welcome on topics related to the aspects of theory, design, practice and application of the Mechanism and Machine Science, including but not limited to:

- **Biomechanical Engineering** ٠
- **Computational Kinematics**
- Dynamics of Machinery
- Gearing and Transmissions

# **Honorary Chair:**

Alessandro Gasparetto (Chair of IFToMM Italy)

# **Conference Chair:**

Vincenzo Niola (University of Napoli)

## **Scientific Committee**

Alessandro Gasparetto (University of Udine) Chair Nicola Pio Belfiore (University of Roma) Massimo Callegari (Pol. University of Marche) **Roberto Caracciolo (University of Padova)** Giuseppe Carbone (University of Calabria) Marco Ceccarelli (University of Roma Tor Vergata) Enrico Ciulli (University of Pisa) Raffaele di Gregorio (University of Ferrara) Pietro Fanghella (University of Genova) Andrea Manuello (University of Cagliari) Arcangelo Messina (University of Salento) **Domenico Mundo (University of Calabria)** Vincenzo Niola (University of Napoli) Paolo Pennacchi (Politecnico di Milano) **Giuseppe Quaglia (Politecnico di Torino) Rosario Sinatra (University of Catania)** Alberto Trevisani (University of Padova)

## **Organizing Committee**

Vincenzo Niola (University of Napoli) Chair Paolo Boscariol (University of Padova) Giovanni Boschetti (University of Padova) **Giuseppe Carbone (University of Calabria)** Chiara Cosenza (University of Napoli) Flavio Farroni (University of Napoli) **Riccardo Russo (University of Napoli)** Sergio Savino (University of Napoli) Francesco Timpone (University of Napoli)

- History of Mechanism Science
- Mechatronics • Industrial and • Multibody Dynamics
- Non-Industrial Applications
- Mechanism Design

# **Paper submission proceedings**

• Robotics

• Rotor Dynamics

Authors are kindly invited to submit original full papers with maximum length of 8 pages in Springer format. Instructions will be available in the conference webpage. All accepted and presented papers will be published in a Scopus indexed book of the Springer Series Mechanisms and Machine Science, with the title: Advances in Italian Mechanism Science - Proceedings of the Fourth Conference of IFToMM ITALY. Best Paper awards will be given in categories of Research, Application, and Student Work. Special awards will also be given by the supporting IFToMM TC/PC commissions. A selection of presented papers will be invited with extended version for a special issue in the International Journal of Mechanics and Control (www.jomac.it) affiliated to IFToMM Italy

#### Venue and Transportation

The conference venue will be the School of Polytechnic and Basic Sciences of University of Naples "Federico II", located in Piazzale Tecchio, 80 in the Fuorigrotta district (www.unina.it).

Naples can be reached easily both by train, plane, ship and by car. There are hourly trains from Rome and Milan to Naples; the trip takes approximately 1h:10m from Rome.

#### Location

Naples is a well-known place for its rich history, art, culture which provided it with a cultural and artistic identity characterized by numerous monuments built during more than 2500 years. The city is full of museums, castles, churches, squares, narrow streets and archaeological remains; moreover, it is placed in one of the most beautiful gulfs of the world. Lovely places like Capri, Pompei, Sorrento and Amalfi Coast, just to make examples, are very near and easy to reach. In September the weather is fine, sunny temperatures above 20°C.

#### **Author's Schedule**

Full paper submission: March 31, 2022 Notification of acceptance: April 30, 2022 Final paper submission: May 15, 2022 Final Acceptance: June 1, 2022 Early registration before: June 30, 2022

## **Registration Fees**

Full registration: 350€/400€ (early/late) IFToMM members: 300€/350€ (early/late) Student: 200€/250€ (early/late) Accompanying person: 200€ Extra paper: +100€

• Sustainable development goals

• Vehicle dynamics and control

Tribology

• Vibrations

Secretariat e-mail: ifit2022@unina.it

Conference Webpage: http://www.iftommitaly.it/ifit2022/