



# I4SDG 2021

IFToMM for Sustainable Development Goals

Online Workshop 25-26 NOVEMBER 2021



## Honorary Chair

Andres Kecskemethy

## Conference Chair

Giuseppe Quaglia (Chair)  
Alessandro Gasparetto (Co Chair)  
Victor Petuya (Co Chair)

## Scientific Committee

Giuseppe Quaglia	Carlo Ferraresi
Alessandro Gasparetto	Enrico Ciulli
Giuseppe Carbone	Erwin-Chr. Lovasz
Vincenzo Niola	Paulo Flores
Macedon Moldovan	Cristina Gastejon
Victor Petuya	Mauro Velardocchia
Marco Ceccarelli	Giovanni Boschetti
Lena Zentner	

## Organizing Committee

Giovanni Boschetti	Andrea Botta
Carmen Visconte	Walter Franco
Luca Carbonari	Dario Padovan

## Workshop Secretariat

Carmen Visconte: secretary.i4sdg@gmail.com

## Promoted by (Technical Comm./Perm. Comm./M.O.)

Sustainable Energy Systems	Rotordynamics
Robotic and Mechatronic	Multibody Dynamics
Tribology	Micromachines
Linkage and mechanical Control	Engines and Powertrains
Biomechanical Engineering	PC History of Mechanism
Transportation Machinery	PC Education
	IFToMM Italy

## Author's Schedule

Full paper submission: 15/05/2021  
Notification of acceptance: 15/06/2021  
Registration before: 30/09/2021  
Final paper submission: 15/07/2021

## Registration Fees

In order to promote the first edition of IFToMM for Sustainable Development Goals, the participation at I4SDG 2021 will be *free of charge*

## CALL FOR PAPERS

### The aims of the Workshop are to

- Present IFToMM as an active world organization that can contribute to United Nation 2030 Development Agenda
- Present and highlight all the research activities realized in IFToMM community that can contribute to reach some target within SDGs, Sustainable Development Goals
- Increase the awareness related to SDGs in IFToMM scientific community
- Generate a network of active researchers, with specific interest on effects of new technologies on sustainable world
- Foster dialogue between technologists and humanists.

### Workshop Topics

Papers are welcome on topics related to the aspects of theory, design, practice and application of the Mechanism and Machine Science, which can give some contribution in reaching one or more Sustainable Development Goals, including but not limited to:

Biomechanical Engineering	Education
Linkage and mechanical control	Terminology
Sustainable Energy Systems	Computational Kinematics
Robotics and Mechatronics	Gearing and Transmissions
Green Tribology	Vibrations
Transportation Machinery	Reliability
Rotordynamics	Humanitarian Engineering and Appropriate Technologies
Multibody Dynamics	Socio-Technical Systems for sustainable and inclusive development
Micromachines	
Engines and Powertrains	
History of Mechanism and Machine Science	

A Round Table on the topics and an interactive session for PhD students will be organized.

### Paper submission, proceedings

Authors are kindly invited to submit a full paper for a Scopus indexed book of the Springer Series *Mechanisms and Machine Science*, with the title: IFToMM for Sustainable Development Goals - Proceedings of the first I4SDG Workshop. Each paper/presentation must relate to one or more SDGs, and to one TC/PC/topic. 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](http://www.jomac.it)).

### Best Paper awards

Best Paper awards will be given in categories of Research, Application, and Student Work.

