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ISMSD

International Society of Mechanical
System Dynamics

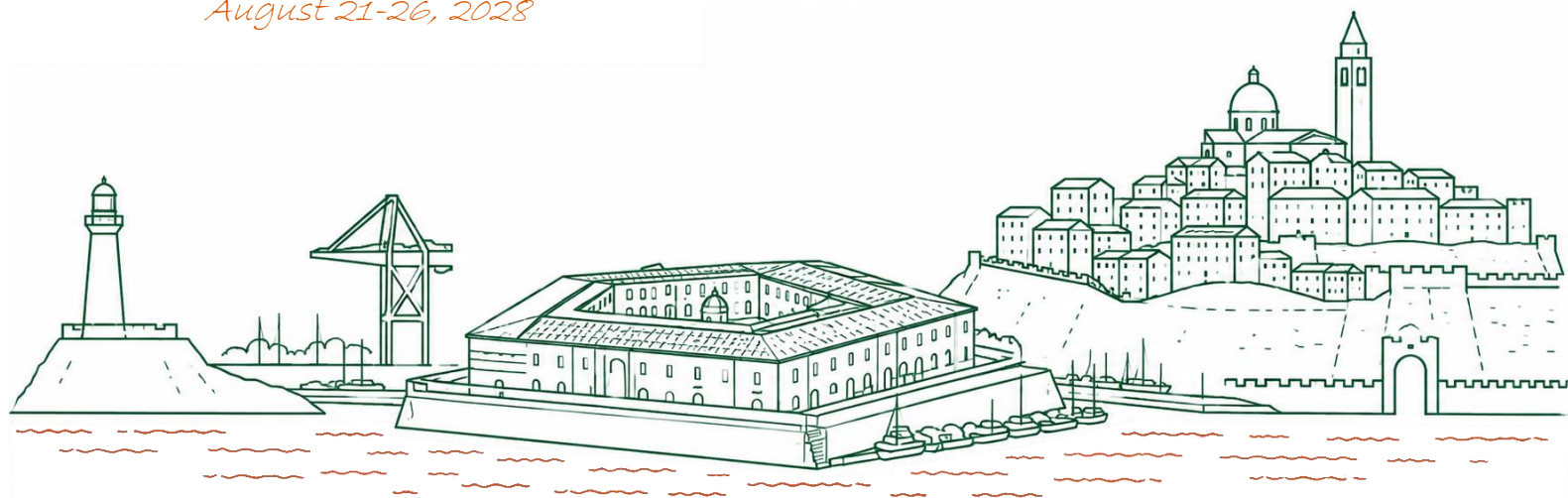
FIRST CALL

The 4th International Conference
on Mechanical System Dynamics

Ancona, Italy

August 21-26, 2028

ICMSD2028



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on Mechanical System Dynamics**

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Various mechanical systems, such as automobiles, airplanes, ships, high-speed trains, satellites, launch vehicles, robots, symbolize the development of human civilization, science, technology and industry. As a fundamental and cutting-edge discipline, mechanical system dynamics undertakes the core mission of analyzing dynamic characteristics, optimizing structural performance, and breaking technical bottlenecks of mechanical equipment. It profoundly empowers the capabilities of design, manufacturing, testing, evaluation and utilization of mechanical systems, and continuously improves the safety, stability, precision and intelligence level of various advanced mechanical equipment. Therefore, it has evolved into one of the cornerstones of modern science, technology and industry such as machinery, aeronautics, astronautics, shipbuilding, transportation and other key industrial fields.

As a top-tier academic event in the global mechanical system dynamics community, the 4th International Conference on Mechanical System Dynamics (ICMSD2028) will be held in Ancona, a lovely city with a history dating back to Greeks 2000+ years ago. Ancona has a lot of cultural heritage and wonderful environments in the neighborhoods, ranging from beaches to mountains.

ICMSD2028 will be hosted by Polytechnic University of Marche, Ancona, a young university supporting high-level training for Italian and



international students. Centered on the theme “Dynamics of Mechanical Systems: Expanding Science and Innovating Technology”, the conference focuses on frontier research directions including dynamic modeling of complex structures, multidisciplinary integration, and advanced industrial applications showcasing the latest research achievements and development trends of mechanical system dynamics.

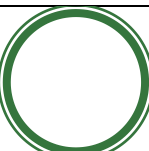
ICMSD2028 will gather more than ten distinguished plenary speakers including members of National Academies of Sciences and Engineering from multiple countries, Presidents of International Organizations, and Editors-in-Chief of International Journals. A large number oral presentations and posters will be arranged to build a high-end, open and efficient frontier academic exchange and international cooperation platform for global researchers. In addition to academic exchanges, a series of important special meetings will be held during the conference, including the ISMSD Executive Board Meeting, the IJMSD Editorial Board Meeting, the ICMSD Standing Steering Committee Meeting and the Meetings of the ISMSD Professional Committees, to gather more distinguished scientists and scholars to further standardize the discipline development system, promote academic resource integration, and lead the sustainable and high-quality development of the global mechanical system dynamics discipline.

Moreover, among the attendees of the previous ICMSDs, at least 20 scientists were elected as 23 members of National Academies of Sciences or Engineering in many countries of Asian, Europe and North America, fully demonstrating that the ICMSD has become a prestigious platform for scientists from around the world to showcase their contributions for science, technology and industry, and realize their dreams. High-quality papers published by the conferences have played a significant role in the global advancement of modern science and technology. ICMSD2028 will continue to inherit the fine academic tradition of previous conferences, further promoting disciplinary progress and technological transformation of mechanical system dynamics.



Plenary Speakers

(in progress)

		
Xiaoting Rui Nanjing University of Science and Technology Member of Chinese Academy of Science	Walter Lacarbonara Sapienza University of Rome Editor-in-Chief of Nonlinear Dynamics	Marco Amabili Westlake University of Westlake Member of U.S. National Academy of Engineering
		
Marian Wiercigroch University of Aberdeen Editor-in-Chief of Int. J. Mechanical Sciences	Jerzy Warminski Lublin University of Technology Member of Euromech Council	Michael Leamy University of Vermont Editor-in-Chief of ASME J. Vibration and Acoustic
		
Umberto Perego Technical University of Milan President of the Italian Association for Theoretical and Applied Mechanics	Marc Geers Eindhoven University of Technology Editor-in-Chief of European J. Mechanics A/Solids	Xiangqing Kong Nanjing Medical University Executive Board Member of the ISMSD
		
Peter Eberhard University of Stuttgart Co-Editor-in-Chief of Int. J. of Mechanical System Dynamics	Ahmed A. Shabana (to be confirmed) University of Illinois at Chicago Past Editor-in-Chief of ASME J. Computational and Nonlinear Dynamics	Name Surname Affiliation Details
		
Name Surname Affiliation Details	Name Surname Affiliation Details	Name Surname Affiliation Details

Topics of Interest

(including but not limited to)

- Multibody system and mechanism dynamics
- Vibration and control
- Analytical mechanics in dynamics
- Computational mechanics in dynamics
- Multibody system transfer matrix method (Rui method) and its application
- Nonlinear dynamics
- Stochastics and uncertain dynamics
- Robotic system dynamics
- Tribology and contact mechanics
- Fluid-solid coupled systems
- Computational methods for large deformations dynamics
- Dynamics of metamaterials, shape-morphing and programmable objects
- Dynamics in manufacturing systems, including 3D and 4D printing
- Spacecraft dynamics
- Vehicle dynamics
- Biomechanics and bionics
- System modelling and identification
- Data-driven methods for dynamic identification and discovery
- Advanced signal processing for experimental mechanics
- AI for multibody system dynamics and mechanical system dynamics
- Sensitivity analysis and optimization
- Mechanical system dynamics for ocean engineering
- Dynamics of renewable energy systems: analytical and computational methods
- Aerospace mechanical system dynamics
- Multiscale multiphysics modelling of dynamical systems

Chairman of the ICMSD



Prof. Xiaoting Rui

- Member of Chinese Academy of Science
- Non-European Member of the European Academy of Sciences
- President of International Society of Mechanical System Dynamics
- Editor-in-Chief of International Journal of Mechanical System Dynamics

Local Chairman of the 4th ICMSD



Prof. Stefano Lenci

- Polytechnic University of Marche, Italy
- Chair of the European Nonlinear Oscillation Conference Committee
- Former Chair of the Italian Association of Theoretical and Applied Mechanics
- ASME Fellow

Important Dates (tentative)

(Italian Time, GMT/UTC + 1)

March 2028	Deadline for abstract submission
April 2028	Abstract acceptance notification
May 2028	Early registration
June 2028	Full-length paper submission
June 2028	Full-length paper acceptance notification
June 2028	Invitation letter and VISA assistance
June 2028	Early-bird registration (Online)
August 2028	Regular registration (Online)
September 2028	In-person registration
September 2028	Conference Date

Organizer



International Society
of Mechanical System
Dynamics

Hosts



Polytechnic
University
of Marche

Co-Hosts

State Key Laboratory
of Complex Multibody
System Dynamics, China

Standing Steering Committee

Chairman



Prof. Xiaoting Rui

Member of Chinese Academy of Science

Non-European Member of the European Academy of Sciences

President of International Society of Mechanical System Dynamics

Editor-in-Chief of International Journal of Mechanical System Dynamics

Name	Role	Country	Organization
Prof. Xiaoting Rui	Chairman	China	Nanjing University of Science and Technology
Prof. Marco Amabili	Co-Chairman	Canada	Westlake University/McGill University
Prof. Yonggang Huang	Co-Chairman	USA	Northwestern University
Prof. Aki Mikkola	Co-Chairman	Finland	Lappeenranta University of Technology
Prof. Marian Wiercigroch	Co-Chairman	UK	University of Aberdeen
Prof. Zhenghong Zhu	Co-Chairman	Canada	York University
Prof. Xiqiao Feng	Member	China	Tsinghua University
Ass. Prof. Mergen Ghayesh	Member	Australia	University of Adelaide
Prof. Gilbert-Rainer Gillich	Member	Romania	Babeş-Bolyai University
Prof. Wanlin Guo	Member	China	Nanjing University of Aeronautics and Astronautics
Prof. Jozsef Kovacs	Member	Canada	McGill University
Prof. Jinsong Leng	Member	China	Harbin Institute of Technology
Prof. Caishan Liu	Member	China	Peking University
Prof. Sheng Liu	Member	China	Wuhan University
Prof. Zhenhua Lv	Member	China	Tsinghua University
Prof. Pierangelo Masarati	Member	Italy	Politecnico di Milano
Prof. Ross McAree	Member	Australia	The University of Queensland
Prof. Jie Pan	Member	Australia	The University of Western Australia
Prof. Sharif Rahman	Member	USA	University of Iowa
Prof. Gexue Ren	Member	China	Tsinghua University
Prof. Ahmed A. Shabana	Member	USA	University of Illinois Chicago
Ass. Prof. Yong Shi	Member	USA	Stevens Institute of Technology
Prof. Pol D Spanos	Member	USA	Rice University
Prof. Olga Leonardovna Starinova	Member	Russia	Samara National Research University
Prof. M. Osman Tokhi	Member	UK	London South Bank University
Prof. Yueguang Wei	Member	China	Peking University
Prof. Fen Wu	Member	USA	North Carolina State University
Prof. Shaopu Yang	Member	China	Shijiazhuang Tiedao University
Ass. Prof. Chengzhi Yuan	Member	USA	University of Rhode Island
Prof. Chuanzeng Zhang	Member	Germany	University of Siegen
Prof. Weihong Zhang	Member	China	Northwestern Polytechnical University
Ass. Prof. Xuping Zhang	Member	Denmark	Aarhus University
Prof. Ze Zhang	Member	China	Zhejiang University
Prof. Jihong Zhu	Member	China	Tsinghua University

Scientific Committee (in progress)

Chairmen		
Prof. Marco Amabili	Westlake University	China
Prof. Peter Eberhard	University of Stuttgart	Germany
Prof. Yong Xu	Northwestern Polytechnical University	China
Members		
Prof. Jan Awrejcewicz	Lodz University of Technology	Poland
Prof. Ramesh K. Agarwal	Washington University in St. Louis Campus	USA
Prof. Mohamed Belhaq	University of Casablanca Hassan II	Morocco
Prof. Dumitru I. Caruntu	University of Texas - Rio Grande Valley	USA
Prof. Mohammed Chadli	University Paris-Saclay	France
Prof. Chien-Cheng Chang	Taiwan University	Taiwan, China
Prof. Li Cheng	The Hong Kong Polytechnic University	Hong Kong, China
Prof. Fangsen Cui	Institute of High-Performance Computing	Singapore
Prof. Mircea Dulescu	Technical University of Cluj-Napoca	Romania
Prof. Yalchin Efendiev	Texas A&M University	USA
Prof. José Luis Escalona	University of Seville	Spain
Prof. Xiqiao Feng	Tsinghua University	China
Prof. Guilherme Franzini	University of Sao Paulo	Brazil
Prof. Sergio Andres Galindo-Torres	Westlake University	Australia
Prof. Oleg Gendelman	Technion - Israel Institute of Technology	Israel
Prof. Johannes Gerstmayr	University of Innsbruck	Austria
Prof. Gilbert-Rainer Gillich	Babeş-Bolyai University	Romania
Prof. Mikhail V. Golub	Kuban State University	Russia
Prof. Oded Gottlieb	Technion - Israel Institute of Technology	Israel
Prof. Tieding Guo	Tongji University, Shanghai	China
Prof. Yongxin Guo	Liaoning University	China
Prof. Wanlin Guo	Nanjing University of Aeronautics and Astronautics	China
Ass. Prof. Giuseppe Habib	Budapest University of Technology and Economics	Hungary
Prof. Majid Hassanizadeh	Utrecht University	The Netherlands

Prof. Makoto Iwamura	Fukuoka University	Japan
Prof. Houjun Kang	Guanxi University	China
Prof. Santosh Kapuria	Indian Institute of Technology Delhi	India
Prof. Yan Ke	Xi'an Jiaotong University	China
Prof. Gaetan Kerschen	University of Liege	Belgium
Ass. Prof. Ioannis A. Kougioumtzoglou	Columbia University	USA
Prof. Ivana Kovacic	University of Novi Sad	Serbia
Prof. Walter Lacarbonara	Sapienza University of Rome	Italy
Prof. Hamid M. Lankarani	Wichita State University	USA
Ass. Prof. Jaroslaw Latalski	Lublin University of Technology	Poland
Prof. Stefano Lenci	Polytechnic University of Marche	Italy
Prof. Zili Li	Delft University of Technology	The Netherlands
Prof. Wenhe Liao	Nanjing University of Science and Technology	China
Prof. C. W. Lim	City University of Hong Kong	Hong Kong, China
Prof. Caishan Liu	Peking University	China
Assist. Prof. Abdollah Malekjafari	University College Dublin	Ireland
Prof. Changyong Mao	Luzhou North Chemical Industries Co., Ltd.	China
Prof. Enzo Marino	University of Florence	Italy
Prof. Pierangelo Masarati	Polytechnic University of Milan	Italy
Prof. Carlos Mazzilli	University of Sao Paulo	Brazil
Prof. Ross McAree	The University of Queensland	Australia
Prof. Aki Mikkola	LUT University	Finland
Prof. Zaharuddin Mohamed	University of Technology Malaysia	Malaysia
Prof. Asoke Nandi	Brunel University London	UK
Prof. Vikram Pakrashi	University College Dublin	Ireland
Prof. Jian Peng	Hunan University of Science and Technology	China
Prof. António Pereira	University of Aveiro	Portugal
Prof. André Preumont	Free University of Brussels	Belgium
Prof. Timon Rabczuk	Bauhaus University Weimar	Germany
Prof. Sharif Rahman	The University of Iowa	USA
Prof. Nimal Rajapakse	Sri Lanka Institute of Information Technology	Sri Lanka
Prof. Giuseppe Rega	Sapienza University of Rome	Italy

Prof. Xiaoting Rui	Nanjing University of Science and Technology	China
Prof. Hamid M. Sedighi	Shahid Chamran University of Ahvaz	Iran
Prof. Reuven Segev	Ben-Gurion University of the Negev	Israel
Ass. Prof. Michele Serpilli	Polytechnic University of Marche	Italy
Ass. Prof. Valeria Settimi	Polytechnic University of Marche	Italy
Prof. Frederico da Silva	Federal University of Goias	Brazil
Prof. Janko Slavič	University of Ljubljana	Slovenia
Prof. Sergey Sorokin	Aalborg University	Denmark
Prof. Ahmed A. Shabana	University of Illinois at Chicago	USA
Prof. Adeel Shehzad	University of Engineering and Technology, Lahore	Pakistan
Prof. Chang Shu	National University of Singapore	Singapore
Prof. Olivier Thomas	Ecole Normale Supérieure de Cachan	France
Prof. Mohammad Osman Tokhi	London South Bank University	UK
Prof. Pankaj Wahi	Indian Institute of Technology, Uttar Pradesh	India
Prof. Chien Ming Wang	University of Queensland	Australia
Prof. Marian Wiercigroch	University of Aberdeen	UK
Prof. Kun Xu	The Hong Kong University of Science and Technology	Hong Kong, China
Ass. Prof. Xuping Zhang	Aarhus University	Denmark
Prof. Ruqiang Yan	Xi'an Jiaotong University	China
Prof. Shaopu Yang	Shijiazhuang Tiedao University	China
Prof. Ahmet S. Yigit	Kuwait University	Kuwait
Prof. Mohammad Younis	State University of New York at Binghamton	USA
Assist. Prof. Andrea Zanoni	Polytechnic University of Milan	Italy
Prof. Chuanzeng Zhang	University of Siegen	Germany
Prof. George Z.H. Zhu	York University	Canada
Prof. Weidong Zhu	University of Maryland, Baltimore County	USA
Prof. Xiaoying Zhuang	Leibniz University Hannover	Germany
Prof. Daniele Zulli	University of L'Aquila	Italy

Mini-symposia

It is planned to have about 10 MS that are aimed at collecting papers on a quite specific topic, that could be new/innovative or more traditional/standard. Each MS will have maximum 4 organizers; for MS having at least 10 contributions there will be a keynote lecture of the MS.

If you are interested in organizing a MS please contact the local organizers.

Contributions

You are cordially invited to share your latest research in ABSTRACT or FULL-LENGTH PAPER on any topics. After peer-reviewed, the full-paper proceedings will be published by Springer as part of the Lecture Notes in Mechanical Engineering and indexed in EI Compendex and Scopus. Please visit our website (<https://www.icmsd-conference.com>) to submit your abstract or full-length paper or download templates and instructions. All submissions need to be written in English.

High quality submissions will be honored and rewarded, and recommended to be published in the International Journal of Mechanical System Dynamics (IJMSD ranks Q1 in the Engineering, Mechanical and Mechanics categories) and other publications

Local Organizing Committee

• Chairmen

Prof. Stefano Lenci

Polytechnic University of Marche, Ancona

Prof. Guoping Wang

International Society of Mechanical System Dynamics

• Secretaries-in-General:

Prof. Michele Serpilli

Polytechnic University of Marche, Ancona

Prof. Xue Rui

International Society of Mechanical System Dynamics

• Deputy Secretaries-in-General:

Prof. Valeria Settimi

Polytechnic University of Marche, Ancona

Prof. Cheng Cheng

International Society of Mechanical System Dynamics

• Members:

(In progress)

Dr. Giulio Ferri

University of Florence

Ass. Prof. Enzo Marino

University of Florence

Ass. Prof. Ziyao Ma

International Society of Mechanical System Dynamics

Prof. Massimo Callegari

Polytechnic University of Marche, Ancona

Prof. Marco Sasso

Polytechnic University of Marche, Ancona

Ass. Prof. Xun Wang

International Society of Mechanical System Dynamics

Dr. Weili Guo

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Ass. Prof. Xun Wang	+8615952003053	

How to reach Ancona

✈ By Plane

The [Ancona Airport \(AOI\)](#) is served by Lufthansa and low-cost companies and connects Brussels, London, Milan, Munich, Rome. Even if there is a bus or a train every hour, *from Ancona Airport to Ancona it is suggested to take a taxi* (if you need help just tell us). It is a relatively short transfer, 15-20 minutes.

The closest bigger airport is [Bologna Airport \(BLQ\)](#). From the Bologna airport you can take the monorail "[Marconi Express](#)" to the railway station, and then a [train to Ancona](#).

You can also consider the [Rimini Airport \(RMI\)](#), which is mainly served by low-cost companies, then go to the Rimini railway station (by bus or taxi), and then take a [train to Ancona](#).

Alternatively you can fly to:

- [Roma "Leonardo da Vinci" \(Fiumicino\) airport \(FCO\)](#), and then take a [train to Ancona](#);
- [Milano "Malpensa" airport \(MXP\)](#), and then take a [train to Ancona](#);
- [Milano "Linate" airport \(LIN\)](#), and then go to "Milano Centrale" railway station (by bus or taxi) and take a [train to Ancona](#).

🚆 By Train

Ancona's main railway station, **Ancona Centrale**, is a primary destination along the Adriatic line and is fully integrated into Italy's high-speed rail networks ([Trenitalia](#), [Italo](#)).

There are two different types of train: "Fast" (Freccia Rossa, Freccia Bianca, Freccia Argento, Intercity, Italo; faster but more expensive) and

"Regular" (Interregionale, Regionale Veloce, Regionale; slower but cheaper).

Please note that travelling with train to Ancona is commonly a pleasant journey.

🚗 By Car

Ancona is easily accessible via the Italian highway network from all main European corridors:

- **From Northern and Western Europe:** Drive through the Alpine passes toward Milan or Bologna, then take the [A14 Autostrada Adriatica](#) southbound, exiting at *Ancona Nord* (closer to the airport) or *Ancona Sud*.
- **From Eastern Europe:** Enter Italy through the A4 highway via Trieste/Venezia, connect to the A14 at Bologna, and follow it south along the coast.

Please note that some areas of Ancona's historical center have pedestrian restrictions or limited parking zones; it is recommended to use designated hotel parking lots or public toll garages near the center.



Preliminary Event Schedule

August 21 Monday	August 22 Tuesday	August 23 Wednesday	August 24 Thursday	August 25 Friday	August 26 Saturday
	Opening Ceremony	Parallel Sessions	Parallel Sessions	Plenary Lectures	Departure
	Plenary Lectures			Closing Ceremony	
	Lunch	Lunch	Lunch	Lunch	
	Plenary Lectures	Parallel Sessions	Parallel Sessions		
Arrival and registration	ISMSD Executive Board Meeting IJMSD Editorial Board Meeting ICMSD Standing Steering Committee Meeting	ICMSD Banquet			



– Appendix –

Introduction to the ISMSD

The International Society of Mechanical System Dynamics (ISMSD) is an international, academic, and non-profit social organization. The society focuses on the scientific and technological aspects of object motion and interaction throughout the entire lifecycle of mechanical systems, including their design, manufacturing, testing, evaluation, and usage. The ISMSD was jointly initiated by 100+ founding members from 35 countries across six continents, including Prof. Xiaoting Rui, Member of the Chinese Academy of Sciences; Prof. Marco Amabili, Fellow of the Royal Society of Canada; Prof. Chuanzeng Zhang, Member of the Academia Europaea; Prof. Ross McAree, Fellow of the Australian Academy of Technological Sciences and Engineering; Prof. Wanlin Guo, Member of the Chinese Academy of Sciences; Prof. Marian Wiercigroch, Fellow of the Royal Society of Edinburgh; Prof. Zhenghong Zhu, Member of the Canadian Academy of Engineering; Prof. Santosh Kapuria, Fellow of the Indian Academy of Sciences. Among the co-initiators are 22 Members of National Academy of Sci./Eng, 15 Presidents of International Organizations, and 45 Editors-in-Chief of International Journals from 78 organizations, and 10 Fortune 500 Companies.

Website: www.ismsd.com

Introduction to the 1st ICMSD

The 1st International Conference on Mechanical System Dynamics (ICMSD2021+1) was successfully held in Nanjing, China in August 2022. It attracted over 2000 participants from more than 20 countries and regions, among whom there were over 50 world-leading scholars. A total of 422 papers were accepted and 206 oral presentations were delivered. Eleven plenary lectures were given by experts from six countries, including nine academicians of national science and engineering academies. The conference proceedings were published by The Institution of Engineering and Technology (IET) and indexed by EI.

Website: www.icmsd-conference.com/2021+1/

Introduction to the 2nd ICMSD

Hosted by Peking University, the 2nd International Conference on Mechanical System Dynamics (ICMSD2023) took place in Beijing, China from September 1 to 5, 2023. It gathered more than 1000 scholars and engineers worldwide, including 37 national academicians, 18 editors-in-chief of relevant international journals and 16 presidents or chairpersons of international academic societies. Centering on the theme *Technology Innovations by Understanding Mechanical Dynamics*, the conference set up 18 sessions to facilitate research on complex structural dynamic theories, interdisciplinary integration and advanced application technologies. Its scientific committee consisted of 60 prestigious scholars from 13 countries and regions. Eleven distinguished experts delivered plenary speeches to share the latest research achievements and cutting-edge theoretical and applied progress in this field. The conference received 608 submissions from over 200 universities and institutions in more than 20 countries, and 315 papers were presented on site. Its proceedings were published by Springer and indexed by EI.

Website: www.icmsd-conference.com/2023/



Introduction to the 3rd ICMSD

The 3rd International Conference on Mechanical System Dynamics (ICMSD2025) was held in Cluj-Napoca, Romania from September 23 to 27, 2025, hosted by Babeş-Bolyai University. Scholars from 44 countries participated online and offline, including 24 national academicians, 47 editors-in-chief of related international journals and 16 heads of international academic organizations. With the theme *Advances in Mechanical System Dynamics Research Driving Industrial Development*, fifteen top experts in this field delivered excellent plenary speeches, presenting the latest research progress and pointing out clear development directions for basic theories, interdisciplinary research, related software development and practical engineering applications. The conference arranged 28 parallel sessions covering 21 research directions, including 25 invited speeches and 190 oral reports. It received 379 abstract submissions and 217 full paper submissions from over 130 universities and research institutions. The conference proceedings were published by Springer and indexed by EI.

Website: bagevent.com/event/8296126

Introduction to the IJMSD

The International Journal of Mechanical System Dynamics (IJMSD), published by Wiley, is a peer-reviewed and open-access journal that aims to systematically reveal the vital effect of mechanical system dynamics on the whole lifecycle of modern industrial equipment. Especially, it focuses on the science and technology about laws of motion and interaction of objects concerned in the simulation design, manufacturing, testing, evaluation, and utilization of various complex equipment. IJMSD publishes Research Articles, Reviews, News, Short Communications, and Editorials based on both fundamental and applied research concerning the dynamics of all kinds of mechanical systems. The journal emphasizes the "system" point of view and system-level tools for understanding the dynamics. The systems concerned include not only various machinery and structures of different scales, but also integrated mechanical systems with multi-physics / multi-disciplinary nature.

The editorial board of IJMSD consists of 69 internationally renowned experts from 18 countries, including 21 members of the National Academy of Science or Engineering, 20 Editors-in-Chief of other international journals, and 17 presidents of academic societies. The Editor-in-Chief is Prof. Xiaoting Rui, member of the Chinese Academy of Sciences, President of the International Society of Mechanical System Dynamics (ISMSD). The three Co-Editors-in-Chief are: Prof. Marco Amabili, Foreign Member of Academia Europaea and Member of the European Academy of Sciences, from Westlake University, Canada; Prof. Peter Eberhard, former Treasurer of the International Union of Theoretical and Applied Mechanics (IUTAM) and former Chairman of the International Association on Multibody System Dynamics (IMSAD) from the University of Stuttgart, Germany; and Prof. Yonggang Huang, Member of the National Academy of Engineering, USA and Member of the National Academy of Sciences, USA, from Northwestern University, USA.

IJMSD is now indexed by Emerging Sources Citation Index (ESCI), Web of Science (WoS), Ei Compendex, SCOPUS, INSPEC (IET), DOAJ, etc. The journal ranks in the Q1 quartile in the Engineering, Mechanical and Mechanics categories (Journal Citation Reports 2024, Clarivate). Additionally, article Publication Charges (APCs) are currently waived in 2024.

Website: onlinelibrary.wiley.com/journal/27671402

Introduction to the Polytechnic University of Marche

The Polytechnic University of Marche (UNIVPM), founded in 1969 and recognized as a State University in 1971, has grown into a science- and technology-focused institution with campuses across the Marche region. It was the first Italian university to obtain ISO 9001 Quality Certification, supporting high-level training for Italian and international students. UNIVPM hosts about 17,000 students, five faculties, and over 1,100 staff members, with modern laboratories and multimedia facilities. Seven of its twelve departments are ranked “of excellence” by ANVUR, with two receiving national funding for 2023–2027. The university offers a broad academic portfolio, including 59 degree programs, postgraduate diplomas, specialization courses, and nine PhD schools. UNIVPM has strong international research performance, securing over 170 EU-funded projects in FP7, Horizon 2020 and Horizon Europe, coordinating 25 of them. It participates in major European partnerships such as Climate-KIC, Water Europe, and Built4People. Under Horizon Europe alone, it already counts 28 funded projects worth more than €151 million. The university also plays a key role in Erasmus+ with more than 25 funded projects. UNIVPM hosts the regional APRE desk and operates a well-structured European Research and Innovation Office, supporting researchers through the full lifecycle of EU projects and coordinating technology transfer activities.

Website: Univpm

