

Minutes of the 20th meeting of

IFTToMM Technical Committee for Multibody Dynamics

Tuesday, July 15, 2025, 13:10 CET, at Innsbruck, Austria

Attendees:

- **Onsite:** Francisco Javier González Varela (chair), Pascal Ziegler (co-chair), Xinxin Yu (secretary), Jorge Ambrosio, Eduardo Corral, Jose L. Escalona, Paulo Flores, Janusz Fraczek, Jozsef Kovecses, John McPhee, Aki Mikkola, Andreas Müller, Dan Negrut, Pavel Polach, Yoshiaki Terumichi, Marek Wojtyra, Ambrus Zelei.
- **Online:** B. Chedi Bouzgarrou, Giuseppe Carbone, Giovanni Muscolo, Maxime Raison, Subir Saha, Jaroslav Zapomel

Invited: Peter Eberhard

Regrets: Mario Acevedo, Jin H. Choi, Maira M. Da Silva, Josep M. Font-Llagunes, Ross McAree,

1. Opening by the Chair

The 20th meeting of the IFTToMM TC for Multibody Dynamics was opened at 13:00, on July 15, 2025. González leads the meeting. Yu is the secretary.

2. Approval of minutes from last meeting

The minutes of the previous meeting, held online on 10th March 2025, distributed via email, are approved by unanimous vote.

3. Lagrange award (best PhD award)

- Ziegler, coordinator of the Lagrange Award “Multibody System Dynamics Outstanding PhD Thesis Prize”, informs about the result of the last edition.
- The winner receives a certificate, Springer books to the value of € 250 and one-year subscription to Multibody System Dynamics.
- In total 12 submissions. Kecskeméthy, Lankarani, Kim, and González acted as evaluation committee.
- The 2024 edition had two winners: Mariana Isabel dos Santos Rodrigues da Silva (University of Minho) and Peter Manzl (University of Innsbruck).
- One honourable mention was awarded to Adwait Verulkar (Virginia Tech).
- The 2025 edition will open on December 15, 2025, with the same rules as the previous one.
- Awards will be presented during the closing ceremony of IMSD2026.

4. Membership

- The Technical Committee (TC) currently consists of 50 members, representing 26 IFTToMM Member Organizations (MOs).
- In 2024, three new members joined the TC: Prof. Maxime Raison (Canada), Prof. Jin H. Choi (South Korea), and Prof. Dan Negrut (USA).
- There have been no new applications for TC membership in 2025.

- The procedure for joining the TC was reviewed as follows:
 1. The application must be supported by a recommendation letter from the applicant's local MO.
 2. The application must be approved by a simple majority vote of the current TC members.
- The conditions for leaving the TC were reviewed:
 1. Members may voluntarily resign by submitting a request due to personal reasons.
 2. Members who remain inactive for an extended period may be removed from the TC.
- Definition and Management of Inactive TC Members were reviewed:
 1. Definition: A TC member will be considered inactive if they fail to attend three consecutive TC meetings without providing prior notice or valid justification (i.e., without sending regrets).
 2. Follow-up Procedure: The TC leadership will monitor attendance and maintain records of participation. In cases where a member's email address becomes unresponsive or inactive, efforts will be made to reach out and verify their status.
 3. Proposal for Removal: Removal of inactive members will be approved by the TC (simple majority)
- Comments about joining TC are proposed from the TC:
 1. Question: Whether number of members should be unlimited?
 2. Recommendation: Limited number per country or institution.
- Answer from Leadership: A proposal will be prepared about the regulation of joining the TC member and submitted to the main MO before next TC meeting. The proposal will be voted in next TC meeting.

5. LinkedIn profile.

- A LinkedIn profile has been set up for the TC.
- Web: <https://www.linkedin.com/company/107192135>
- Just a couple of test posts, so far. Intends to give visibility to job opportunities, achievements, MSD committee, publications, events, etc.
- Intends to increase visibility of IFTOMM and IFTOMM TC for Multibody Dynamics. Interacts with the MSD LinkedIn, Eccomas LinkedIn, IMSD conference LinkedIn.
- TC members agreed during the meeting that our LinkedIn will amplify the IFTOMM.

6. Conferences and events

2025

- Congreso Nacional de Ingeniería Mecánica (CNIM) 2025, Santander, Spain, June 11 – 13, 2025
- ECCOMAS Multibody 2025, Innsbruck, Austria, July 13-18, 2025
- 21st International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC), Anaheim, CA, USA, August 25 – 28, 2025
- 8th International Symposium on Multibody Systems and Mechatronics, MuSMe 2025, Guadalajara, Jalisco, Mexico, October 21 – 24, 2025

2026

- 8th International Conference on Multibody System Dynamics, IMSD 2026, Sevilla, Spain, June 16-19, 2026
- MMT Symposium - Celebrating the 60th Anniversary of the journal Mechanism and Machine Theory. Porto, Portugal, June 21-23, 2026.
- The 12th Asian Conference on Multibody System Dynamics (ACMD). Okinawa, Japan, October 25-29, 2026.
- CISM School on Computational and Geometric Mechanics of Discrete and Continuum Systems, postponed to Sep 28 – Oct 2, 2026

7. Publications

a. Books and special issues

- Flores, P., Quental, C., Magalhães, H., Special Issue on Recent Advances and Applications of Multibody Dynamics Methodologies. Multibody System Dynamics, 63(1-2), 2025.
- Arnold, M., Gerstmayr, J., Jelenic, G., Escalona, J. L., Special Issue on Numerical Modelling of Highly Flexible Structures. Multibody System Dynamics, 63(4), 2025.
- Gerstmayr, J., Orzechowski, G., Tasora, A., MUBO Special Issue on Artificial Intelligence within Multibody System Dynamics. Multibody System Dynamics. Issue 3, 2025.
- Mario Acevedo, Leonardo Valdivia, Hiram Ponce, 8th Int'l Symposium on Multibody Systems and Mechatronics, Guadalajara, Mexico, October 2025.

8. Next TC meeting

The next TC meeting will be held online on March, 2026

9. Open discussion

- Dr. Hamid Lankarani received the "John Uicker Elsevier Career Award" at the 12th ECCOMAS Thematic Conference on Multibody Dynamics, on July 14th 2025, at the Technical Campus of the University of Innsbruck, Austria.
- Comments from TC members: A 2-page annual report will be prepared and submitted to the main IFTToMM leadership. The same report will be shared simultaneously with all TC members to ensure transparency and keep everyone informed.

The meeting was adjourned at **14:00**.

Respectfully submitted,

Xinxin Yu

Secretary of IFTToMM TC-Multibody Dynamics



20th meeting of IFToMM Technical Committee for Multibody Dynamics
 ECCOMAS Multibody 2025, University of Innsbruck, July 13 - 18, 2025