

# 2025 LASER MOBILITY

## LaserEMobility Workshop

### Call for Speakers

The LaserEMobility section of the Italian Association of Manufacturing (AI TeM) invites you to join the upcoming workshop on October 7<sup>th</sup> – 8<sup>th</sup>, 2025, in Bologna. The event, organized by the Laser Group of the Department of Industrial Engineering of Università di Bologna in collaboration with Politecnico di Milano, Technical University of Munich and Friedrich-Alexander-Universität Erlangen-Nürnberg, will take place at the BIREX and Opificio Golinelli venues in Bologna. Attendees from different fields including fundamental research, laser component manufacturing, system integration, and user as well as laser application development, will have the opportunity to present their latest innovations in electric vehicle manufacturing field. In addition to technical presentations for an international audience, the exhibition zone will showcase cutting-edge technologies. Following the success of the 2022, 2023 and 2024 editions, the LaserEMobility Workshop 2025 continues to be a place of discussion for an international audience from industry and academia working on laser-based processing. Thanks to the sponsors of the LaserEMobility Workshop 2025, the two-day event is free of charge for all participants.

### Scientific Program

The next decade will see an increased use of electric vehicles. Laser-based manufacturing methods are key for efficient and high-quality electric vehicle production.

The presentations will cover application-oriented topics over the whole field of laser material processing for electromobility, including:

- Battery cell and system manufacturing
- Processing of new battery materials and technologies
- Electric drivetrain manufacturing
- Fuel cell manufacturing
- Lightweight construction
- Process monitoring and control
- Digitalization and data-driven process optimization
- Sustainable electric vehicle manufacturing

| Oct 7<sup>th</sup> – 8<sup>th</sup>, 2025 | |  
Bi-Rex Competence  
Center | | Bologna |  
Italy |

### Organizing Committee

**Alessandro Fortunato**  
*Università di Bologna*

**Ali Gökhan Demir**  
*Politecnico di Milano*

**Michael F. Zäh**  
*Technical University of Munich*

**Michael Schmidt**  
*Friedrich-Alexander-Universität  
Erlangen-Nürnberg*

### Important Dates

**Abstract Submission Start**  
*April 7<sup>th</sup>, 2025*

**Abstract Submission Deadline**  
*June 9<sup>th</sup>, 2025*

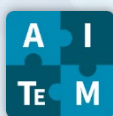
**Notification of Abstract Acceptance**  
*June 30<sup>th</sup>, 2025*

**Registration Start**  
*June 3<sup>rd</sup>, 2025*

**Registration Deadline**  
*September 20<sup>th</sup>, 2025*

**Please submit your abstract at:**

[submissions@laseremobility.org](mailto:submissions@laseremobility.org)



**For more information visit: [www.laseremobility.org](http://www.laseremobility.org)**

**For general requests: [info@laseremobility.org](mailto:info@laseremobility.org)**