

2nd Workshop Autonomous Micromobility and Smart Logistics for the Last Mile

Thursday, 5 November 2026 (provisional) · one-day event · Deutsches Technikmuseum in Berlin

Invitation to Submit Contributions

The rapid development of autonomous systems is fundamentally changing our cities and our everyday lives. Beyond automotive applications, new solutions are emerging for the last mile: autonomous delivery and service robots operating on pavements and cycle paths, connected light vehicles, and data-driven logistics concepts for urban environments. What they have in common is that they must prove themselves in public traffic space — in technical, legal and societal terms. This workshop provides a forum for presenting and critically discussing recent research results, developments and applications in this field.

The workshop addresses researchers, engineers and students as well as representatives of relevant research projects, and explicitly includes manufacturers and operators. Experts from public administration concerned with the regulation of automated systems in public traffic space are equally welcome.

The workshop is organised jointly with the **mFUND accompanying research programme**. Alongside contributions from the wider research community, it therefore expressly welcomes researchers from mFUND projects working in thematically related areas.

Workshop Format

The programme centres on **scientific presentations**:

- **Keynotes** — one to two talks by leading figures in the field of autonomous micromobility.
- **Paper sessions** — scientific presentations of the submitted and reviewed contributions.
- **Project presentations** — short presentations of ongoing R&D projects funded under mFUND. This session is open to projects that do not submit a contribution to the Call for Papers. Interested projects register informally with the mFUND accompanying research programme, providing the project name, the title of the talk and a brief outline of its content. Projects are invited by the mFUND accompanying research programme in consultation with the scientific committee.
- **Interactive robot showroom and marketplace** — participants are invited to bring their robots and vehicles and to present them alongside the posters, as a hands-on complement to the scientific programme. Active participation by manufacturers in the demonstrations is expressly encouraged.

Topics of Interest

1. Technical robustness in real-world operation

Perception and navigation in public traffic space — particularly on pavements and cycle paths — under real-world conditions (weather, crowds, construction sites); teleoperation and remote support; reliability and fault tolerance; the safe use of ML/AI methods at design time and at run time.

2. Distributed and connected systems

Opportunities and risks of 6G and connected mobility solutions with respect to perception, navigation and coordination of automated vehicles and robots in urban environments.

3. Interaction and societal acceptance

Behaviour towards pedestrians and cyclists; communication concepts for automated systems; methods of acceptance and participatory research.

4. Law, approval and operation

Approval practice and operating permits; liability and insurance; standardisation; viable operator and business models.

5. Last-mile logistics and transport

Concepts and operating models for urban last-mile distribution; the interplay of robotics, micromobility and established logistics chains; effects on traffic volume and emissions.

6. Accompanying research, data and impact

Evaluation and survey methods; data availability and data spaces (mFUND); transferability and scaling of pilot projects; economic viability and sustainability.

We particularly welcome contributions grounded in real-world trials and field tests.

Submission of Contributions

We offer two submission formats – irrespective of whether a contribution is associated with an mFUND-funded project:

1. Full paper (talk)

Work-in-progress contribution of at most 6 pages including references. Full papers undergo a **light peer review (single-blind)**; participants are involved in the review process. Assessment focuses on the relevance of the topic to the workshop and on the rigour of presentation. Accepted papers are presented as a **talk** in the main programme and published as citable contributions in the accompanying **workshop proceedings**. A $\text{\LaTeX}$ template is available at github.com/SebastianZug/Simple_AcademicPaper_Template.

2. Poster / extended abstract

Concise contribution of 1–2 pages for projects and teams wishing to present their work. Posters are screened editorially by the scientific committee for their relevance to the workshop (no full review) and are presented in the showroom together with any **robots and vehicles brought along**.

Please describe your research, development work or project clearly and concisely. Submission and review are handled via **EasyChair**: easychair.org/conferences/?conf=mile2026

mFUND projects that do not wish to submit a contribution may nevertheless take part in the **project presentations** session (see “Workshop Format”). The point of contact is the mFUND accompanying research programme.

Important Dates

Submission deadline, full papers & posters/abstracts	11 September 2026
Registration for project presentations (mFUND)	30 September 2026
Notification of authors	11 October 2026
Workshop	5 November 2026 (provisional)
Camera-ready version	14 December 2026

The camera-ready version is deliberately due after the workshop: this gives authors sufficient time for revision and allows them to incorporate suggestions arising from the discussion on site. Substantial extensions beyond the reviewed version are not envisaged; the scientific committee checks the submitted final versions for consistency with the accepted contribution. Submission of the camera-ready version is mandatory for publication in the workshop proceedings.

Scientific Committee

- **Prof. Dr.-Ing. Frank Schrödel** — Schmalkalden University of Applied Sciences, Faculty of Mechanical Engineering (Chair of Drive Technology, Automation and Robotics)
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Organisation and Contact

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Additional Information

- **Languages:** Contributions may be submitted in German or English. In the interest of international visibility, English is expressly encouraged — especially for full papers — but not mandatory.
- **Publication:** The workshop proceedings are published as a citable volume via the portal of the University Library of Freiberg.
- **Registration fee:** There is no registration fee.
- **Venue:** Deutsches Technikmuseum in Berlin — technikmuseum.berlin

We look forward to receiving your contributions!

Organised by



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