



AIIT 3RD INTERNATIONAL CONFERENCE

NEW SCENARIOS FOR TRANSPORT INFRASTRUCTURE AND SYSTEMS
TRANSITION TO INCLUSIVITY, RESILIENCE AND SUSTAINABILITY

15TH – 16TH SEPTEMBER 2022, ROME (ITALY)

Special Sessions on Innovations in last mile logistics towards inclusivity, resilience and sustainability

CALL FOR ABSTRACTS

“Innovations in last mile logistics towards inclusivity, resilience and sustainability” is the topic of the special sessions organized at the 3rd edition of the *Transport Infrastructure and Systems Conference* (TIS Roma 2022). TIS Roma 2022 is organized by the Italian Association for Traffic and Transport Engineering – AIIT and will be held (both in presence and remotely) at ACI headquarters in Rome on 15th -16th September 2022.

Last mile logistics is becoming more and more visible in the urban landscape due to increasing urbanization and rapid changes in consumer behaviour. Apart from being one of the most cost-intensive activities of the supply chain, it has become a big concern of policy-makers. Deliveries in urban areas contribute significantly to urban air pollution emissions and climate change; logistic vehicles occupy road space in urban areas, and they are disproportionately involved in fatal collisions, all with a negative impact on social sustainability of cities. Technological innovations like digitalization and automation, along with intensive consumer involvement in supply chains, are changing last-mile operations from both the demand and the supply side. E-commerce is one emblematic example of a disruptive and ever-increasing phenomenon. Here, a promising innovation relates to integrating passenger and freight transport, with a potential to reduce negative externalities of transport, while serving the on-demand economy.

Recent European Research projects are specifically dealing with innovations in last mile logistics towards sustainability and integrated services, in particular LEAD (<https://www.leadproject.eu/>) on “Low Emission Adaptive last mile logistics supporting on demand economy through Digital Twins” and SENATOR (<https://www.senatorproject.eu/>) on “Smart Network Operator Platform enabling Shared, Integrated and more Sustainable Urban Freight Logistics”.

The Call for Abstract stems from these projects and aims to attract interested researchers in the field of Innovations in last mile logistics. Subtopics of interest are:

- Scenarios of integration of passenger and freight transport
- New approaches for omni-channel and hyperconnected services
- Innovations directed at inclusive, resilient and sustainable city logistics

- The role of digital platforms to support on demand logistics
- Models and simulations of integrated logistics ecosystems
- Stakeholder engagement in last mile logistics planning
- Involvement of the public in managing city logistics

Abstracts should be up to 300 words long with at least 3 keywords. Deadline for the submission of abstract is **27th February 2022**. Upon acceptance a full paper should be sent by the **27th April 2022**. Accepted papers will be considered for a special issue of an international scientific journal (to be announced) or, alternatively, be published in the dedicated Transportation Research Procedia (Elsevier) coordinated by the TIS Roma 2022 Conference.

These special sessions are coordinated by **Michela Le Pira** (University of Catania & AIIT) and **Carla Nascimento** (Molde University College) and organized with the support of **Nadia Giuffrida** and **Francesco Pilla** (University College Dublin & SENATOR project), **Rodrigo Tapia** and **Lorant Tavasszy** (TU Delft and LEAD project).

Attendees to these sessions will be granted a special discount on the registration fee (early bird registration for AIIT members set at €200 for participation in presence and €100 remotely) which will include access to the full conference programme. More information about the conference can be found at <https://tisroma.aiit.it>

Interested participants are requested to submit their abstracts including title, authors' names and contact details to mlepira@dica.unict.it and cana@himolde.no by the **27th February 2022**.

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