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EIT Urban Mobility Bari Summer School 2024 Sustainable Mobility in Car-Dependent Regions



Are you passionate about promoting sustainable urban mobility? Do you seek innovative solutions to reduce high-car dependence in your region? **Ghent University**, the **Politecnico di Bari** and **EIT Urban Mobility Master School** invite you to the EIT Urban Mobility Bari Summer School 2024, in **Bari, Italy**, from **August 29 to September 5, 2024**.

What is in the program?

- **Expert Insights and Interactive Learning:** Learn from experts and engage in panel discussions and workshops focused on reducing car-dependence in your region.
- **Collaborative Environment:** Team up with students and professionals on real-world cases to find innovative and sustainable solutions to urban mobility challenges, including intermodal mobility, transport planning and active travel.

Useful Information and links

1. Publications by SIG A4- Handbook on High-Speed Rail and Quality of Life and Frontiers in High-Speed Rail Development

Both books are free to download.

For details: [Click Here](#)

2. Urban Mobility Research in India transport: Selected proceedings from 13th Research Symposium of 15th Urban Mobility India Conference & Expo 2022

For details: [Click Here](#)

3. A new Transport Research and Education Network to help ESCAP member States achieve sustainable transport

For details: [Click Here](#)

4. Special Issue of Transportation Research

- **Cultural Experience:** Immerse yourself in the vibrant culture of Bari and surrounding areas in the Region of Puglia through field visits and excursions to Polignano a Mare and Castel del Monte.
- **Educational Opportunities:** Gain insight into the master's programs offered by the Master School of EIT Urban Mobility, designed to help students build a career as a mobility expert.



Who should apply?

The Summer School is designed for undergraduate students and transport professionals who are passionate about sustainable and innovative urban mobility. We welcome participants from **diverse backgrounds**, including engineering, computer science, geography, urban planning, and transport policy, who want to explore opportunities for further training and research opportunities in urban mobility, transport planning and data science through EIT Urban Mobility. The program features **two tailor-made tracks**: one for undergraduate students and one for professionals. Participants will experience **personalized learning and peer-to-peer exchanges**, culminating in presentations to a jury, who will provide feedback, advice, and resources for further career development.

Apply by July 10, 2024, to benefit from **the early bird fee of €700**, which includes accommodation in a shared (double occupancy) room for eight nights, all weekday breakfasts and lunches, selected dinners, and social activities (including a bike tour in Bari, an Italian food night, and excursions to Castel del Monte and Parco Nazionale Alta Murgia, and to Polignano a Mare). After July 10, 2024, the fee increases to €800.

Part E: Logistics and Transportation Review on “Emerging AI-Driven Smart and Sustainable Mobility”

For details: [Click Here](#)

Paper submission deadline:

Aug 30, 2024

5. Special Issue of Transportation Research Part D: Transport and Environment on “Evolving Connections between Land Use and Emerging Mobilities”

For details: [Click Here](#)

Paper submission deadline:

Jul 31, 2024

Special rates are available for those not needing accommodation and for participants from emerging economies.

Find more details and apply at the webpage: <https://www.geography.ugent.be/sustainable-mobility-summer-school>.

Don't miss this chance to enhance your skills and positively impact urban mobility and society! Spaces are limited, so apply now!

*Dr. Giovanni Circella, Ghent University, Belgium and UC Davis, USA
Co-secretary General, WCTRS, and Head of EIT Urban Mobility
Master School*

Report on the Second Webinar of the International Webinar Series on “Sustainable Transport and Livability”

Jointly organized by Special Interest Group (SIG-F4) of the World Conference on Transport Research Society (WCTRS) and Sustainable Transport and Livability (TSTL), Journal, Taylor & Francis in association with IISc Sustainable Transportation Lab. (IST Lab.), Indian Institute of Science (IISc), Bengaluru.

Nearly 179 participants had registered, and 73 participants joined the second webinar from around 15 countries across the world.

About Webinar Series:

To foster knowledge exchange and propel the discourse on topics related to Sustainable Transport and Livability, a collaborative international webinar series is jointly initiated by the Special Interest Group (SIG-F4) - Livability and Sustainable Transport of World Conference on Transport Research Society (WCTRS) and the Sustainable Transport and Livability (TSTL), Journal, Taylor and Francis, in association with IISc Sustainable Transportation Lab., Indian Institute of Science, Bengaluru.

The proposed series will primarily focus on key themes addressing the linkages between sustainable transport and livability as follows: How sustainable transport interventions affect physical, mental, economic, and social well-being. How sustainable transport interventions can make society and individuals healthier and happier. How sustainable transport interventions affect the quality of life, equity, and social justice. How sustainable transport impacts safety, accessibility, affordability, and environmental quality. How sustainable transport can contribute toward improving the disaster resiliency of urban transport systems.

WCTRS society journals



[Transport Policy](#)



[Case Studies in Transport Policy](#)

WCTRS book series

For details, visit: [link](#)

About the Second Webinar of Series “Sustainable Transport and Livability”

The second webinar of the series was successfully conducted on 2nd May 2024 through an online event.

Speaker:



Prof. Ahmed El-Geneidy
McGill University, Canada

Title: **The 15-Minute City: Moving beyond the concept**

Abstract: Policymakers worldwide are increasingly embracing the idea of a “15-Minute City” as part of their planning strategies. This planning concept, coined during the mayoral elections of Paris in 2020, proposes an urban environment where residents can meet all their daily travel needs within 15 minutes from their homes by walking or cycling. However, there is a limited understanding of how realistic such policy is in other parts of the world. In this talk, I will discuss the different paths towards operationalizing the 15-minute City concept in contexts outside of Paris. The talk will show the importance of understanding the current travel behaviour and the local influences of the built environment when planning towards a 15-minute city. The talk will discuss ways to move beyond the rigidity of the 15-minute City concept by shifting the focus to the notion of accessibility. Allowing for a wider perspective and a more flexible definition when considering the 15-minute City concept is crucial in setting achievable planning objectives that can help cities in reaching their sustainable development goals.

The recording of the Second Webinar of Series “Sustainable Transport and Livability” is now available. You can watch it on YouTube by clicking the link below:

Watch the Webinar: [Click here](#)

Find us on



Wish to become a member of WCTRS?

[Click here](#)

Visit us on

<https://www.wctrs-society.com/>

E-mail to us at



The Taylor and Francis's new Open Access journal 'Sustainable Transport and Livability (TSTL)' is edited by Dr. Ashish Verma, Indian Institute of Science Bangalore, India.

Journal page: [Click here](#)

Prof. Ashish Verma, Indian Institute of Science Bangalore, India, Chair, SIG F4

Prof. Kazuki Nakamura, Meijo University, Japan, Co-chair, SIG F4.

Call for papers

The economics of platform-based mobility and logistics service

Transportation Research Part C: Emerging Technologies

Over the past decade, platform-based mobility and logistics services have fundamentally reshaped transport systems worldwide. Whether transporting passengers or delivering goods, these services have evolved from small startups to integral parts of urban infrastructure, introducing novel challenges, concerns, and new research avenues. A key characteristic distinguishing these services is their unique economic structure, involving multiple market participants.

Unlike traditional markets where supply and demand interact directly, these services are managed by platforms that connect consumers with drivers or riders, reducing friction. Each party—consumers, suppliers, platforms, and drivers—has specific interests and access to varied, often fragmented, information. The on-demand nature of these services requires dynamic adjustments to market conditions. Platforms must frequently adapt to current conditions while managing future uncertainties, making real-time decisions crucial.

The growth of these platforms has led to a variety of regulatory efforts, often resulting in unexpected consequences due to the complexity of the systems and insufficient economic understanding. Rapid changes in market structure and participant behavior further complicate the landscape. Current studies have not fully captured the complexity of platform-based on-demand services. So, we welcome manuscripts that identify novel problems, propose better methodologies, or discover new strategies to ensure economic efficiency.

Specific topics of interest include but are not limited to:

- Coopetition, monopolies, and equilibrium dynamics
- Demand/supply integration and differentiation across platforms

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- Strategic behaviour of drivers, passengers, and the platforms
- Regulation, subsidies, and taxes
- Pricing strategies to users and payment strategies to the other parties
- Information structure and multi-sided markets
- Game theoretical modeling for consumers, suppliers, platform, and drivers
- Experimental economics of platform-based mobility and logistics services
- Dynamic pricing and incentives in platforms
- Platform competition and market concentration effects
- Regulatory challenges and opportunities for platforms
- Economics of vehicle fleet electrification in platforms
- Network effects and externalities of platforms
- Resilience and robustness of platforms under uncertainty

Guest editors:

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Manuscript submission information:

All submissions for this special issue should be submitted to the Transportation Research Part C online submission system and will go through the journal's standard peer-review process. When submitting your manuscript, please choose "VSI: VSI:platform-based mobility" "**Article type**". This is to ensure that your submission will be considered for this Special Issue instead of being handled as a regular paper. [Click here for more information](#).

Dr. Andres Fielbaum, The University of Sydney, Australia.

Call for Book Series Proposals from WCTR Members

Dear WCTRS Members,

We are delighted to inform you that the editorial board for the **WCTRS book series** was refreshed during the last conference in Montreal. We now eagerly await your proposals for the series.

Since establishing our co-branded book series with Elsevier in 2019, we have successfully published five books, with two more currently in the editing phase slated for upcoming publication.

For detailed information about the book series and how to submit your proposals, please visit the following link:

<https://wctrs-society.com/wctrs-publications/>

Should you have any questions or require further details about the publication, do not hesitate to reach out using the contact information provided in the link above.

We look forward to receiving your proposals.

Prof. Masanobu Kii, Osaka University, Japan. Chair, SIG F1.

Summer School

Future-ready Transport, Shipping, and Logistics: Rethinking competence and skills

Within the framework of EU-financed Erasmus+ project two **summer schools on "Future-ready Transport, Shipping, and Logistics: Rethinking competence and skills"** are organised at the University of Aegean and the Delft University of Technology.

**FUTURE-READY TRANSPORT, SHIPPING
AND LOGISTICS: RETHINKING
COMPETENCE AND SKILLS**



The schools offer a comprehensive educational experience, integrating six different courses that collectively prepare participants for the dynamic future of these industries. Covering critical topics such as sustainability, resilience, big data analytics, climate neutrality, safety, collaboration strategies, and port innovation, the programmes equip participants with the competence and skills needed for excellence in the rapidly evolving transport, shipping, and logistics sectors.

FUTURE-READY TRANSPORT, SHIPPING AND LOGISTICS: RETHINKING COMPETENCE AND SKILLS

REFOCUS Training School
Chios Island, Greece
08 July, 2024 to 12 July, 2024



The **courses, including travel and accommodation, are free of charge** and aimed at applicants who are either undergraduate students, university dropouts, or an adult residing in isolated rural, island, or borderline areas who have not been able to pursue undergraduate studies or are interested in expanding their knowledge the field.

Summer schools will be held in:

Chios, Greece, from 08 July 2024 to 12 July 2024. More information and application at <https://summer-schools.aegean.gr/REFOCUSSchool2024>

Delft, the Netherlands from 26 August 2024 to 30 August 2024. More information and application at <https://www.aanmelder.nl/155599/home>

Prof. Thierry Vanelander, University of Darmstadt, Germany. Chair, SIG A2

Call for papers

Theorizing, Designing, and Implementing Digital Twins in Operations and Supply Chains

International Journal of Production Economics

Organizations are transforming their operations using digital and AI technologies, with digital twins emerging as a key application in operations and supply chain management. A digital twin comprises (i) a computerized representation of physical operations and supply chains; (ii) connective technologies (e.g., IoT sensors, blockchain, cloud computing) that collect and transmit data; (iii) analytics for improved decision-making; and (iv) autonomous procedural decision-making in industrial systems. Originally, digital twins digitally represented objects, processes, or networks to enhance resource utilization and control of complex, geographically

separated systems. Innovative models leverage digital twins for cloud-based organizations, digital platforms, service-oriented value creation, and dynamic process composition. Simulation, AI, and machine learning facilitate the evaluation of decision alternatives and real-time decision-making.

Digital twins can reduce costs, enhance information sharing, connectivity, and resilience in supply chains, and play a vital role in the digitalization of operations and the industrial Metaverse. Digital twins integrate analytical models, external system data, and human-machine interfaces for knowledge transfer within organizations. They support data collection, processing, visualization, and integration. Levels of digital twins include cognitive and intelligent digital twins, which combine human and AI decision-making, analyze data, replicate human decisions, and generate new decision-making knowledge. Despite their potential, challenges remain in theorizing and implementing digital twins in supply chain, production, and engineering management.

The scope of the special issue will encompass the organizational, modeling, and technology perspectives. We are equally interested in papers looking at theorizing digital twins, designing digital twins for solutions of supply chain and operations management and engineering problems (e.g., network configuration (or reconfiguration), inventory management, production systems, resilience, and sustainability), and using digital twins (e.g., the control tower concept) with the infrastructure description as well as the mapping tools. The application areas could involve but are not limited to the following sub-topics:

- Human-AI decision-making collaboration in digital twins
- Mastering complexity in digital twins
- Predictive, prescriptive, and descriptive analytics in digital twins
- Enhancing forecasting, visibility, and collaboration capabilities with digital twins
- Ethical and sustainability concerns in digital twins
- Digital twins in e-commerce
- Technology for design and implementation of digital twins
- Digital supply chain twins
- Decision making and digital twins
- Warehousing and manufacturing digital twins
- Cognitive and intelligent digital twins
- Digital twins and supply chain resilience
- Data aggregation and validation in digital twins
- Digital transformation, Industry 5.0, and digital twins
- Model calibration in digital twins
- Digital twins and the industrial Metaverse

- Generative AI (e.g., ChatGPT) and digital supply chain and operations twins
- Optimization and simulation using digital twins

Guest editors:

1. Xavier Brusset, Skema Business School, France
2. Matthew Drake, Duquesne University, USA
3. Aseem Kinra, University of Bremen, Germany

Manuscript submission information:

[Click here for more details](#). The Journal's submission system is open for submissions to our Special Issue. When submitting your manuscript please select the article type "**VSI: Digital Twins in Operations and Supply Chains**". Please submit your manuscript before **31st December 2024** through the [submission link](#). For further questions, pls. contact **Prof. Aseem Kinra** (Email: Kinra@uni-bremen.de).

Prof. Aseem Kinra, University of Bremen, Germany. Co-chair, SIG B1

German Aviation Research Society (GARS) June Events Registration

The organizers of the GARS Junior Researchers' Workshop and the GARS Summer School are happy to announce the preliminary program for June events, which are scheduled to take place from **19th to 22nd June 2024**, kindly hosted by the Antwerp Management School, The University of Antwerp, Belgium.

1. **GARS Workshop on Decarbonizing Aviation:** 19 June 2024
2. **21st GARS Junior Workshop:** 20-21 June 2024
3. **GARS School in Air Transport Economics and Management:** 21-22 June 2024

The preliminary programs, including information on registration, are available for download for the first two events:

- Workshop Decarbonizing Aviation: [Link](#)
- Junior Researchers' Workshop: [Link](#)

Registration: [Click here](#).

Membership of the WCTRS

The World Conference on Transport Research Society (WCTRS) provides a forum for the interchange of ideas among transport researchers, managers, policymakers, and educators from all over the world from a multi-modal, multidisciplinary, and multi-sectoral perspective.

Every three years, the Society holds the World Conference, where leading transport professionals from all countries and areas convene to learn from one another. WCTRS Montréal was held from 17th-21st July 2023.

In addition to our [Special Interest Groups](#), which facilitate research activities and the exchange of ideas in 42 topic areas, the WCTRS has a number of Task Forces that conduct research into emerging issues in transport and aim to bridge gaps between research and policy-making.

All academics, practitioners, students and interested individuals are invited to apply to become an individual member of the WCTRS. You can apply to join at any time by completing [this online form](#) or returning the completed application form (see the link below) to the [WCTRS Secretary](#).

The benefits of membership include:

- Access to a truly international network of transport academics and practitioners, which is the only such worldwide network, with over 1000 experts interested in transport research from over 80 countries.
- A wide variety of Special Interest Groups (SIGs), each dedicated to a specific academic topic, from mode-specific policy and modelling to solutions for climate change and disaster resilience. The full list can be found on the SIGs webpage.
- A free online subscription to the Society's two Journals: Transport Policy and Case Studies on Transport Policy.
- Online access to the proceedings of past conferences.
- Liaison with some 30 partner journals, which publish the best conference papers.
- Outreach to international organizations such as the International Transport Forum, World Bank and UNFCCC conferences.
- WCTRS Young Initiatives, including the WCTRS-Y Conference, grants awarded to young researchers, and dedicated newsletters and job information.
- Opportunities to contribute to the planning of a future World Conference through participation in Special Interest Groups and other Society activities.

More details: [Click here](#)

WCTRS RESEARCH NEWSLETTER

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