

# PUBBLICAZIONI

- **Calabò**, G., Le Pira, M., Giuffrida, Fazio, M., Inturri, G., Ignaccolo, M., (2023). A spatial agent-based model of e-commerce last-mile logistics towards a delivery-oriented development. *Transportation Research Multidisciplinary Perspectives*, 21, 100895. <https://doi.org/10.1016/j.trip.2023.100895>
- **Calabò**, G., Araldo, A., Oh, S., Seshadri, R., Inturri, G., Ben Akiva, M. (2023). Adaptive Transit design: Optimizing fixed and demand responsive multi modal transportation via continuous approximation. *Transportation Research Part A: Policy and Practice*, 171, 103643. <https://doi.org/10.1016/j.tra.2023.103643>
- **Calabò**, G., Le Pira, M., Giuffrida, Inturri, G., Ignaccolo, M., Correia, G. (2023). Designing demand responsive transport services in small-sized cities using an agent-based model. *Transportation Research Procedia*, 69, 759-766. <https://doi.org/10.1016/j.trpro.2023.02.233>
- **Calabò**, G., Le Pira, M., Inturri, G., Ignaccolo, M., Pluchino, A. (2023). A simulation-optimization approach to solve the first and last mile of mass rapid transit via feeder services. *Transportation Research Procedia*, 69, 767 774. <https://doi.org/10.1016/j.trpro.2023.02.234>
- Le Pira, M., Fazio, M., Giuffrida, N., **Calabò**, G., Inturri, G., Ignaccolo, M. UaaS App–University as a Service App: exploring the acceptability of a MaaS-like concept for a university community. *European Transport \ Trasporti Europei*, 90(2), 1-10. <https://doi.org/10.48295/ET.2023.90.2>
- **Calabò**, G., Le Pira, M., Giuffrida, N., Inturri, G., Ignaccolo, M., Correia, G. (2022). Fixed route vs. demand-responsive transport feeder services: an exploratory study using an agent-based model. *Journal of Advanced Transportation*. <https://doi.org/10.1155/2022/8382754>
- **Calabò**, G., Le Pira, M., Giuffrida, N., Fazio, M., Inturri, G., Ignaccolo, M. (2022). Modelling the dynamics of fragmented vs. consolidated last-mile e-commerce deliveries via an agent-based model. *Transportation Research Procedia* 62, 155-162. <https://doi.org/10.1016/j.trpro.2022.02.020>
- **Calabò**, G., Araldo, A., Oh, S., Seshadri, R., Inturri, G., Ben-Akiva, M. Integrating fixed and demand-responsive transportation for Flexible Transit Network Design. Presented at 100th TRB Annual Meeting (January 25–29, 2020).
- **Calabò**, G., Correia, G., Giuffrida, N., Ignaccolo, M., Inturri, G., Le Pira, M. (2020, November). Comparing the performance of demand responsive and schedule-based feeder services of mass rapid transit: an agent-based simulation approach. In 2020 Forum on Integrated and Sustainable Transportation Systems (pp. 280-285). IEEE.
- Ignaccolo, M., Inturri, G., Giuffrida, N., Le Pira, M., Torrisi, V., & **Calabò**, G. (2020). A step towards walkable environments: spatial analysis of pedestrian compatibility in an urban context. *European Transport \ Trasporti Europei*, 76(6), 1-12.
- **Calabò**, G., Torrisi, V., Inturri, G., Ignaccolo, M. Improving inbound logistic planning for large-scale real-world routing problems: a novel ant-colony simulation-based optimization. *European Transport Research Review* 12, 21 (2020). <https://doi.org/10.1186/s12544-020-00409-7>.
- Giuffrida, N., Le Pira, M., Inturri, G., Ignaccolo, M., **Calabò**, G., Cuius, B., ... & Pluchino, A. (2020). On-Demand Flexible Transit in Fast-Growing Cities: The Case of Dubai. *Sustainability*, 12(11), 4455. <https://doi.org/10.3390/su12114455>.

- **Calabò**, G., Inturri, G., Le Pira, M., Pluchino, A., Ignaccolo, M. (2020). Bridging the gap between weak-demand areas and public transport using an ant-colony simulation-based optimization. *Transportation Research Procedia*, 45, 234-241. <https://doi.org/10.1016/j.trpro.2020.03.012>.
- Ignaccolo, M., Inturri, G., **Calabò**, G., Torrisi, V., Giuffrida, N., Le Pira, M. (2020). Auditing streets' pedestrian compatibility: A study of school sites' requalification. *Pedestrians, Urban Spaces and Health*, 30-34.
- Giuffrida, N., Ignaccolo, M., Inturri, G. Rofè, Y., **Calabò**, G. (2017). Investigating the correlation between transportation social need and accessibility: the case of Catania. *Transportation Research Procedia* 27, 816-823. <https://doi.org/10.1016/j.trpro.2017.12.122>.