SERMOS Lab’s Presentations @ TRB 2023

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| --- | --- | --- | --- | --- | --- |
| Paper Title | Authors  (**Blue**: Presenter) | No. | Type | Date and Time | Location |
| [Shared E-scooters: User Characteristics and Usage Patterns across Four U.S. Cities](https://annualmeeting.mytrb.org/OnlineProgram/Details/19252) | **Wencui Yang**  Mostafa Jafarzadehfadaki  Xiang Yan  Xilei Zhao  Xia Jin  Daniel Frolich  Virginia Sisiopiku | TRBAM-23-03519 | Poster | Mon 1/9/2023  10:15 AM- 12:00 PM | Hall A, Convention Center |
| [Forecasting Real-Time Travel Demand During Wildfire Evacuations: A Situational-Aware Multi-Graph Convolutional Recurrent Network (SA-MGCRN) Approach](https://annualmeeting.mytrb.org/OnlineProgram/Details/19009) | Yiming Xu  Ruoyang Xiong  Ruggiero Lovreglio  Daniel Nilsson  **Xilei Zhao** | TRBAM-23-02039 | Lectern | Mon 1/9/2023  3:45 PM- 5:30 PM | 146B, Convention Center |
| [Preserving Fairness in AI-based Travel Demand Forecasting Models](https://annualmeeting.mytrb.org/OnlineProgram/Details/19298) | **Xiaojian Zhang**  Qian Ke  Xilei Zhao | TRBAM-23-02160 | Poster | Wed 1/11/2023  3:45 PM- 5:30 PM | Hall A, Convention Center |
| [ICN: Interactive Convolutional Network for Forecasting Travel Demand of Shared Micromobility](https://annualmeeting.mytrb.org/OnlineProgram/Details/19298) | **Yiming Xu**  Qian Ke  Xilei Zhao | TRBAM-23-03586 | Poster | Wed 1/11/2023  3:45 PM- 5:30 PM | Hall A, Convention Center |
| [Exploring nonlinear relationships and preference heterogeneity in mode-switching behavior under a mobility-on-demand transit system](https://annualmeeting.mytrb.org/OnlineProgram/Details/19298) | **Lin Su**  Xiaojian Zhang  Xiang Yan  Xilei Zhao | TRBAM-23-04459 | Poster | Wed 1/11/2023  3:45 PM- 5:30 PM | Hall A, Convention Center |

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