

## **Report – Rahamim Batten – 101<sup>st</sup> TRB Annual Meeting 9<sup>th</sup>-13<sup>th</sup> January 2022**

The Transportation Research Board (TRB) Annual Meeting is where you can hear from and connect with public policymakers and researchers on a wide variety of transportation topics. In addition to the traditional sessions and panels, there are more than 170 Standing Committees which identify research needs, provide information to the transportation community on research priorities and procedures, review papers for presentation at the TRB Annual Meeting and for publication, encourage the incorporation of appropriate research findings into practice, and develop special programs, conferences, and workshops.

The TRB Annual Meeting is the industry's most important venue for the sharing of ideas and potential solutions to these issues through: Face-to-face discussion between public, private, and academic attendees from across all sectors of the industry. The development of new relationships is essential for the industry's progression.

As the TRB Meeting consists of committee meetings and presentations that occur at simultaneous times, it is suggested that the topics relevant to the attendee should be chosen in advance in order not to miss the opportunity of research related to the one's field of work or study. An extensive handout is provided with knowledge on where and how to participate in and discuss current topics related to transportation.

Some of the session topics include the following and are not limited to these: Asset Management, Pavement Management Systems, Statewide Transportation Planning, Transportation Safety, Traffic Simulation Intelligence, Transportation Systems Pavement Testing, Sustainability, Renewable Fuels & Aviation.

The sessions that I attended at the TRB conference were valuable both to my master's thesis work (now complete) related to Renewable Aviation Fuel, in which I presented my findings at the time and also for my further doctoral studies. The presentation sessions were interactive and questions from the audience were welcome. This led to ideas for further research to complement work that has already been accomplished.

The track line that I followed involved sessions on sustainability, aviation, renewable fuels and electrification of the transportation industry. Most presentations primarily focused on prioritizing projects according to a variety of factors, including economic, environmental, and social.

The 101<sup>st</sup> TRB Annual Meeting involved morning lectern sessions at which I presented a paper to the AMS40 committee under the session title "Hard to electrify the transportation sector."

The 90 minute session consist of 3 presentations, each lasting between 20-25 minutes and there was extra time for panel questions at the end. Other research ideas were discussed whereby on my continuing research at the Technion I can further my doctoral activities. I attended other research-oriented meetings, including marine transportation, utility network meetings and observed interesting talks given by the 2022 recipient of the Thomas B. Deen Distinguished Lectureship, Anne Strauss-Wieder and transportation secretary of the United States, Pete Buttigieg. I participated in other TRB activities, including the poster sessions as well as the exhibits. I was able to meet with government officials such as the DOE, FHWA and FAA to discuss future project aspirations. In general, my overall experience at the TRB meeting was beneficial and helped me to better pursue my career as a life cycle analyst researcher.

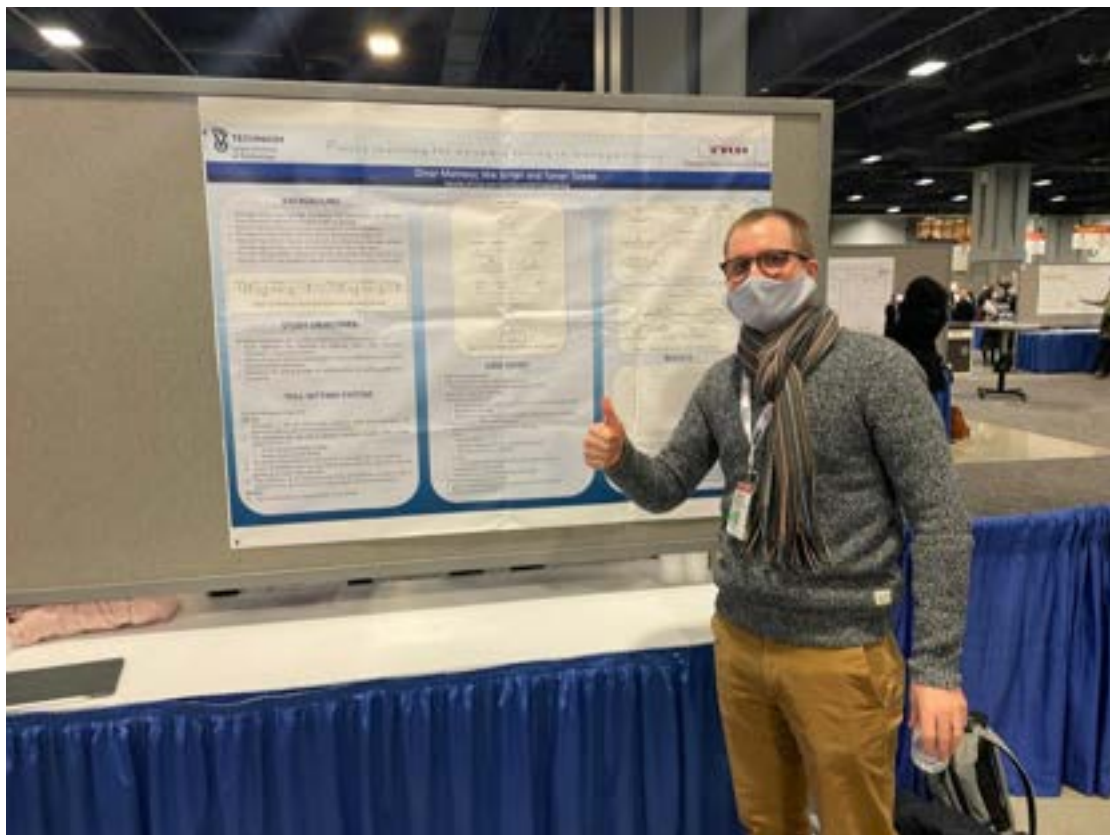


Figure 1 - Attending the Transportation Safety Poster Session, Poster of Dr. Omar Mansour, Technion – Israel Institute of Technology

Date February 19, 2022

Signed by supervisor

Sabrina Spatari