



August 5th, 2023

Participation in the FoMLAS Workshop – Guy Amir

To The Israeli Smart Transportation Research Center (ISTRC),

My name is Guy Amir, I'm a Ph.D. candidate for Computer Science, at the Hebrew University of Jerusalem, advised by Prof. Guy Katz. My research focuses on formally verifying Machine Learning systems, with an emphasis on safety-critical domains. I was very happy to hear that I have been awarded a travel grant to present my research on formally verifying robotic navigation systems.

Indeed, just a few days ago, I returned to Israel, after a trip to Paris, in which I participated in the FoMLAS Workshop. The visit was extremely productive and fruitful, and allowed me to present my research on formal verification of robotic navigation systems.

The visit allowed me to hear firsthand from collaborators in academia and industry on how to further deepen my research on this topic, and potentially advance toward my goal of generating safe and reliable systems in the transportation domain (as motivated by the ISTRC). I have also been able to forge connections with various researchers for future work toward this goal.

Finally, I wish to thank the ISTRC for their very generous support, which has allowed me to travel abroad and present my research. I truly appreciate the help, which indeed goes a long way.

Guy Amir