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Travel Report

Title of Paper: Minimum-cost paths for electric cars.
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I had the honor of presenting my recent paper, "Minimum-cost paths for electric cars," at the esteemed SOSA 2024 Conference, an event known for gathering top researchers in the algorithms community. This paper introduces near-optimal algorithms that significantly advance the computation of charge requirements for electric vehicles (EVs) traveling from one point to another.

The conference brought together leading figures from the algorithms community, providing an ideal platform for presenting this research. The lecture was met with keen interest and a full room, indicative of the growing relevance of this topic in the field. The discussion that followed was engaging and insightful, with numerous questions posed by fellow researchers. These interactions highlighted the excitement and curiosity within the community regarding the algorithmic challenges in EV routing.

The positive reception of the lecture and the high level of engagement from the audience were both encouraging and satisfying. It is my hope that this event has sparked a renewed interest in the algorithmic challenges of EV routing and will lead to more researchers dedicating their efforts to this important field. Several colleagues have already mentioned to me that they have started working on EV routing problems.

I am grateful for the financial support provided by the ISTRC, which facilitated my travel and participation in the conference. Their assistance was pivotal in sharing this research with a wider academic audience and fostering discussions that can propel this field forward.