

Session Title: Behavior and Transportation Demand Change

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Abstract title: Public Transport, Walking, and Biking: best option for low-carbon urban transport

The COVID-19 epidemic has shown that public transport, walking, and biking are more relevant than ever. First, these modes are safe for users as they do not spread the virus. Second, concentration of greenhouse gases is at an all-time high, despite the pandemic's negative impact on the world economy. Third, some advocate for individual, car-based travel to avoid spreading the virus. This view is false and will lead to increased greenhouse gas emissions. Public transport, walking, and bicycle have a lower footprint than traveling by car. To make them more convenient, priority lanes, data gathering and sharing, and land use de-regulation are also needed.