

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

**Committee on the Assessment of Technologies for Improving Fuel Economy
of Light-Duty Vehicles – Phase 3**

Design Optimization and Lightweighting Webinar

WEBINAR AGENDA

January 6, 2020

3:00 – 4:45 PM ET

Join the webinar: <https://nasem.zoom.us/j/635325141>

Recordings of previous webinars available at www.nas.edu/fueleconomy

Light-duty vehicle mass reduction from 2025-2035 will involve alternative powertrains, alternative manufacturing technologies, raw material availability and cost, manufacturing processes and decarbonization, and recyclability. Design optimization will be key to automakers as they try to balance customer needs with regulatory requirements. This means that not just cost will factor into lightweighting decisions, but also durability, recyclability, customer usage and safety. This webinar will explore design optimization for lightweighting light-duty vehicles in the context of improved fuel economy.

All times in ET

3:00 PM	Introduction
3:05 PM	Tim Skszek <i>Magna International</i>
3:20 PM	Richard Yen <i>Altair</i>
3:35 PM	Amory Lovins <i>Rocky Mountain Institute</i>
3:55 PM	Questions from Committee
4:30 PM	ADJOURN