



# Autonomous Vehicle Technologies for Passenger and Freight Mobility

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Northwestern University  
Transportation Center



# Just a cool video





# Program for today

- One brief/boring introduction, two great sessions
  1. Toward autonomous vehicles
  2. Autonomous, connected vehicles and freight
- Each followed by a panel discussion



# Toward automated vehicles

- **Hani Mahmassani**

- W. Patterson Distinguished Professor of Transportation;  
Director NUTC



- **Brian Droessler**

- VP of Software and Connected Solutions, Continental  
Automotive Systems



- **Roger Berg**

- VP, North America Research and Development, Denso  
International America



# Autonomous vehicles & freight

- Ogi Redzic

- VP Connected Driving, HERE (A Nokia Company)



- Leo Danieldes

- Project Management Officer, Navistar



- Josh Switkes

- Founder and CEO, Peloton Technology Inc.



# The rules of the game

- Discussion is the most interesting part of these workshops,
  - When the speakers are off their script/sales pitch
- To ensure enough time for this, strict time for presentation
  - Each would have 17' for presentation
  - 3' for clarification questions
  - *I will personally escort you off the podium 😊*



# Toward automated vehicles

- *Autonomous Vehicles, Connected Systems and Market Adoption*
  - Hani Mahmassani
- *The Path to Highly Automated Driving – An Evolutionary Development*
  - Brian Droessler
- *Improving Safety Through Connected Vehicle Technology*
  - Roger Berg





# Autonomous vehicles & freight

- *The Evolution from Contextually Aware Cars to Automated Driving Vehicles*
  - Ogi Redzic
- *Connected Vehicles for Commercial Transportation: An Evolving Story*
  - Leo Danieldes
- *Preventing Accidents and Saving Fuel by Connecting Trucks*
  - Josh Switkes

