



2020
Annual **INCOSE**
international workshop
Torrance, CA, USA
January 25 - 28, 2020

Automotive

www.incose.org/IW2020

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MEMBERS

100+

CO-CHAIRS

Gary Rushton (gary.rushton@gm.com)

Alain Dauron (alain.dauron@renault.com)

INCOSE CONNECT ADDRESS



<https://connect.incose.org/WorkingGroups/Automotive/Pages/Home.aspx>

INCOSE WEB PAGE



<http://www.incose.org/docs/default-source/wgcharters/automotive.pdf?sfvrsn=8>

Charter Summary



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WG PURPOSE/MISSION

To promote the application and advance the practice of Systems Engineering in the automotive industry, encompassing OEMs, suppliers and service providers in the private, commercial and industrial vehicle sectors.

WG GOAL(S)

- To broaden and improve the application of Systems Engineering to the vehicle development process.
- To build a common, shared Systems Engineering expertise and body of knowledge for their application by actors across the automotive industry.

WG SCOPE

- To provide value-added services to our members.
- To grow the number of members.
- To support INCOSE's strategy to establish collaborations and partnerships with professional organizations (e.g., SAE).

IW Outcomes



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IW Outcomes

2020 Focus Areas

- Publish Automotive SE Vision 2025
- Automotive Vision Document Executive Summary
- SE Handbook Automotive Application Section Updates
- MBSE --> vehicle to system to subsystem to component model sharing
- INCOSE/SAE Collaboration --> SAE WCX Support
- Cross Working Group collaboration (AWG, Transportation, Infrastructure, SoS, Smart Cities)
- Identify themes for Capstone Projects to engage students and share systems engineering practices from Automotive

Planned Work past IW



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PLANNED ACTIVITIES

Work with Transportation and Infrastructure Working Groups to develop a template for updates to SE Handbook.

Collaborate with Smart Cities Initiative to share automotive related information.

PLANNED WORK PRODUCTS

Automotive SE Vision 2025

Automotive Vision Document Executive Summary

SE Handbook Automotive Application Section Updates