



# EVENT-AT-A-GLANCE COMVEC

September 20 - 22, 2022

## TUESDAY September 20

**8:00 - 9:00 a.m. – Young Professionals Meet & Greet**

**8:30 - 9:00 a.m. – Networking with Coffee** *Coffee Sponsored by: Horiba*

**9:00 - 10:00 a.m. – Opening Keynote:** *David Graziosi, Chairman & CEO, & Dana J.H. Pittard, VP Defense Programs, Allison Transmission*

**10:00 - 10:30 a.m. – Networking Break in Exhibit Hall** *Sponsored by: Sears Seating*

**10:30 a.m. - 12:00 p.m.**  
Connected Digital Engineering  
Executive Track: Capturing Value  
from Connected Vehicles  
*Sponsored by: John Deere*

**10:30 a.m. - 12:00 p.m.**  
Lithium-ion Battery Failure Physics,  
Current Countermeasures and  
Opportunities for Improved Outcome in  
Heavy-duty Off-highway Applications  
*Sponsored by: Volvo CE*

**10:30 a.m. - 12:00 p.m.**  
Simulation Validation / Verification  
*Sponsored by: Ricardo*

**12:00 - 1:30 p.m. – Networking Lunch in Exhibit Hall** *Sponsored by: CNH*

**12:15 - 12:45 p.m. – Young Professionals Speed Mentoring** *Sponsored by: Siemens Industry Software Inc. - Sign up required*

**12:30 - 1:30 p.m. – SAE Book Signing** *by Joan Wills & Karen Ramsey-Idem*

**1:30 - 3:00 p.m.**  
Connected Digital Engineering  
Executive Track: Revisiting Platooning  
and Autonomous Driving for On-  
Highway Trucks  
*Sponsored by: John Deere*

**1:30 - 3:00 p.m.**  
Connected and Autonomous Electrified  
Powertrain for On-road and Off-road  
Applications  
*Sponsored by: Volvo CE*

**1:30 - 3:00 p.m.**  
Impact of Electrification on  
Chassis Design  
*Sponsored by: Ricardo*

**1:30 - 3:00 p.m.**  
Driver Engagement Support  
for Safer Truck Design and  
Operation

**3:00 - 3:30 p.m. – Networking Break in Exhibit Hall** *Sponsored by: ClearFlame Engine Technologies*

**3:30 - 5:00 p.m.**  
Connected Digital Engineering  
Executive Track: Talent  
*Sponsored by: John Deere*

**3:30 - 5:00 p.m.**  
Charging Strategies for Commercial EV's  
*Sponsored by: Volvo CE*

**3:30 - 5:00 p.m.**  
Control Concepts  
*Sponsored by: Ricardo*

**3:30 - 5:00 p.m.**  
Operational Opportunities and  
Gaps in Autonomous Trucking

**5:00 - 6:00 p.m. – Networking Reception in Exhibit Hall** *Sponsored by: Torc Robotics*

**6:00 - 9:00 p.m. – Young Professionals Networking Event**

### EXHIBIT HOURS

Tuesday 10:00 a.m.–6:00 p.m.  
Wednesday 10:00 a.m.–6:00 p.m.

## WEDNESDAY September 21

**7:30 - 8:45 a.m. – Buckendale Breakfast & Lecture**

**8:30 - 9:00 a.m. – Networking with Coffee** *Coffee Sponsored by: Corning*

**9:00 - 10:30 a.m.**  
Powertrain Diversification Executive  
Track: High Voltage Electrification  
*Sponsored by: KPIT*

**9:00 - 10:30 a.m.**  
Technologies Supporting the Path  
to Zero by 2040  
*Sponsored by: Volvo CE*

**9:00 - 10:30 a.m.**  
Impact of Autonomous Vehicles  
and Electrification

**10:30 - 11:00 a.m. – Networking Break in Exhibit Hall**

**11:00 a.m. - 12:30 p.m.**  
Powertrain Diversification Executive  
Track: Alternative and Net Zero  
Carbon Fuels  
*Sponsored by: KPIT*

**11:00 a.m. - 12:30 p.m.**  
IC Engines, Aftertreatment and Hybrids  
*Sponsored by: Volvo CE*

**11:00 a.m. - 12:30 p.m.**  
How Electrical and Automated  
Vehicle Technologies Impact  
Regulations FMVSS 105, 121, and 136

**11:00 a.m. - 12:30 p.m.**  
Cybersecurity in EVs and  
Power Grid Attacks

**12:30 - 1:30 p.m. – Networking Lunch in Exhibit Hall** *Sponsored by: Lubrizol*

**12:30 - 1:00 p.m. – Mini Buckendale Lecture for High School Students**

**12:45 - 1:15 p.m. – Young Professionals Speed Mentoring** *Sponsored by: Siemens Industry Software Inc. - Sign up required*

**1:30 - 3:00 p.m.**  
Powertrain Diversification Executive  
Track: 2024 / 2027 Low NOx &  
Emission Regulation Challenges for  
On- and Off-highway Applications  
*Sponsored by: KPIT*

**1:30 - 3:00 p.m.**  
Simulation-based Powertrain  
Product Development  
*Sponsored by: Volvo CE*

**1:30 - 3:00 p.m.**  
Truck Trailer Bridge and Subnetworks

**1:30 - 3:00 p.m.**  
Thermal Management of  
Advanced Propulsion Systems  
for Commercial Vehicles

**3:00 - 3:30 p.m. – Networking Break in Exhibit Hall** *Sponsored by: Jacobs Vehicle*

**3:30 - 5:00 p.m. – Executive Panel: Energy Revolution: Powering the Future Panel Discussion**  
*Sponsored by: Cummins*

**5:00 - 6:00 p.m. – Networking Reception in Exhibit Hall** *Sponsored by: Navistar*

### REGISTRATION HOURS

Tuesday 7:30 a.m.–4:00 p.m.  
Wednesday 7:30 a.m.–4:00 p.m.  
Thursday 7:30 a.m.–11:00 a.m.

Registration Sponsored by:



## THURSDAY September 22

**7:00 - 7:30 a.m. – Powertrain Student Research Panel Breakfast** *(Sponsored by: Caterpillar & Eaton) & YP Meet & Greet*

**7:30 - 8:45 a.m. – Powertrain Student Research Panel**

**9:00 - 10:00 a.m. – Fleet Executive Roundtable** *Sponsored by: Liebherr*

**10:00 - 10:30 a.m. – Networking Break**

**10:30 a.m. - 12:00 p.m. - SuperTruck II Roundtable & Run on Less Fleet Panel**

**12:30 p.m. - 3:30 p.m. – Ride-n-Drive Activities at Allison Transmission**  
*Sign up required, lunch & bus transportation will be provided*

Event-At-A-Glance  
as of August 31, 2022