

Composite Innovations in Automotive Manufacturing

**A seminar on automotive applications for composite structure technologies,
sponsored by Sandvik**

Seminar Date: Monday, October 20, 2014.

Location: Sandvik Canada Headquarters, 2550 Meadowvale Bl, Mississauga, ON L5N 8C2

Time: 9:00 AM – 4:00 PM

Registration: \$20 (100% will be donated to the SAE Foundation)



Utilizing new composite technology in automotive manufacturing can significantly reduce vehicle weight, improve vehicle aerodynamics, and reduce fuel consumption, all while increasing the mechanical strength properties on a weight ratio basis. You won't want to miss this opportunity to learn about the next generation of composite materials and how they're manufactured.

Details:

Format: 4 sessions, each featuring a presentation from an industry expert and Q&A with the presenter

Refreshments: A complimentary lunch and coffee/snacks throughout will be provided by Sandvik

Parking: Visitor parking is available at the facility

Sessions:

**Composite Structures
& Applications**

- Design flexibility
- Natural fibers and bio-based resins
- Weight Reduction
- Aerodynamic skirting

**Analysis of Composite
Structures**

- Dimensional stability
- High impact strength of composites vs. other materials

**Manufacturing
Processes**

- Use of waste stream
- Repeatability and consistency
- Sustainability

**Steel Belt Press
Technology**

- Decreasing molding times
- Reducing manufacturing costs

Registration Contact: Cathy D'Souza, cathy.dsouza@alumni.utoronto.ca

More information: Please visit the [Upcoming Events page](http://www.saecentralontario.org) on www.saecentralontario.org

Registration Deadline: October 10, 2014 (or when fully booked)