

Automotive and Aerospace Powertrain Materials

Dimitry Sediako, Ph.D., FCAE, P.Eng.

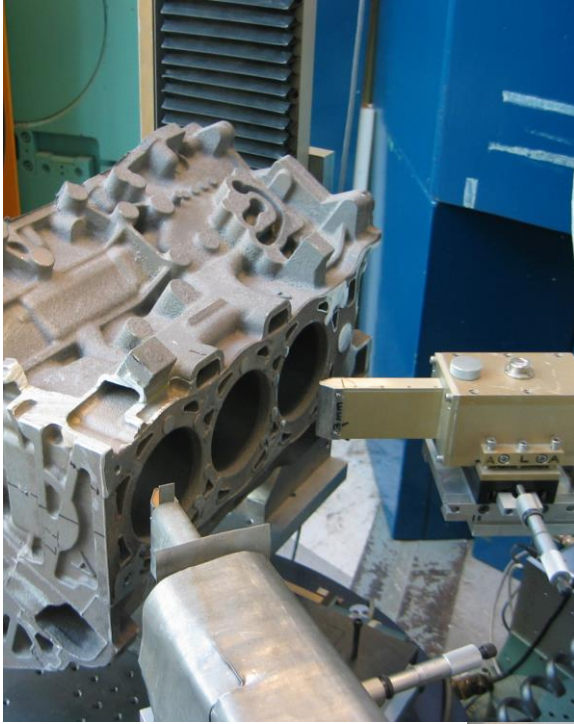


THE UNIVERSITY OF BRITISH COLUMBIA
School of Engineering

- Development of novel high-temperature lightweight alloys for automotive, marine, and aerospace powertrain and structure applications.
- Structure, strength, and stress characterization in powertrain components.
- Stress analysis for aluminum engine block and development of linerless engines.
- *In-situ* fitness-for-service characterization of novel powertrain alloys



Canadian Nuclear Laboratories | Laboratoires Nucléaires Canadiens



BOMBARDIER
AEROSPACE



Pratt & Whitney

A United Technologies Company



BOEING



StandardAero