ONTARIO

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FLEXIBLE. MODULAR. AGILE.

Where participants from across the automotive supply chain can work together with the NRC and partners in the CANADIAN RESEARCH COMMUNITY

AN INNOVATION HUB

A place to CONCEPTUALIZE, INTEGRATE AND OPERATIONALIZE multiple technologies from multiple sources

SOLVING INDUSTRY PROBLEMS with novel technology solutions

INCREASING THE PRODUCTIVITY AND COMPETITIVENESS of the Canadian automotive industry

STRICT CONFIDENTIALITY

TECHNICAL SERVICE AND COLLABORATIVE RESEARCH AGREEMENTS with project-specific IP management

Helping Canadian auto manufacturers implement ADVANCED DESIGN AND MANUFACTURING, including mass customization, process industrialization, factory automation

A COLLABORATIVE WORKSPACE

Open space

OPPORTUNITIES TO INTEGRATE NRC TECHNOLOGY

Design, numerical modeling and simulation, prototyping, testing and validation

Electrical/electronics, communications, sensors, controls and systems

Multimaterial structural assemblies

Joining

Vehicle structures

Vehicle structures

Computation in Big Data, real-time analytics, data fusion, cryptosecurity

Microfactory

Digitally assisted health and safety, adaptive production cells, microfactory

FUNCTIONAL AND FLEXIBLE

1,300 SQUARE METRES (14,000 SQ FT) of collaborative workspace

4 X 70-SQUARE-METRE (4 X 750 SQ FT) laboratories with configurable workspace

2 X 140-SQUARE-METRE (2 X 1,500 SQ FT) vehicle bays

1 X 560-SQUARE-METRE (1 X 6,000 SQ FT) high crane bay

To learn how to set up your custom project, visit www.nrc-cnrc.gc.ca

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National Research Council Canada

Conseil national de recherches Canada

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