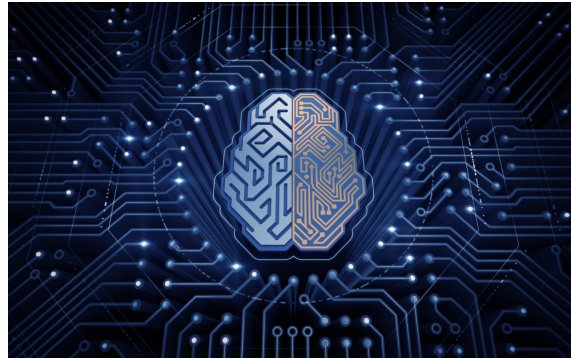




## Collaborative R&D Opportunity between Canadian and German Companies and Researchers on Industrial Artificial Intelligence



The technology network [it's OWL](#) in collaboration with UBC MMRI and [Accelerate Okanagan \(AO\)](#) has initiated a Canada-Germany partnership building effort to identify and financially support cutting-edge collaborative projects at small and medium-sized enterprises (SMEs) primarily in BC and the Ostwestfalen-Lippe (OWL)– a high tech region in Germany that is characterized by its numerous strong partners and considerable skills in industrial problem solving. MMRI, as the academic partner, is currently coordinating joint university-industry proposals for this initiative.

More information about this opportunity can be found [here](#). For direct inquiries about the program, please contact [Dr. Homayoun Najjaran](#), the Design for Industry 4.0 Lead at MMRI.

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## News Briefs

### Cloud Computing and Microbiome Bioinformatics Workshop



A two-day workshop on Cloud Computing and Microbiome Bioinformatics (CCMB) was held on December 3-4, 2018 at UBC Okanagan. The event was chaired by [Dr. Sepideh Pakpour](#), and sponsored by [Ecosystem Services](#), [Commercialization Platforms and Entrepreneurship \(ECOSCOPE\)](#) program, [Pacific Institute for the Mathematical Sciences](#), and MMRI, and included both hands-on sessions as well as invited talks from academia and industry. More information can be found [here](#).

### Congratulations to Dr. DiLabio and Dr. Wulff

[Dr. Gino DiLabio](#) and his co-PIs including [Dr. Jeremy Wulff](#), University of Victoria, [Helios Global Technologies](#), and [Epic Ventures Inc.](#), in partnership with [Composites Research Network-Okanagan Laboratory](#) and [Survive and Thrive Applied Research \(STAR\)](#) were awarded an IDEaS Competitive Projects contract to develop an innovative material system for personal body armor.

**Congratulations to Dr. Ponga**

Dr. Mauricio Ponga was awarded an IDEaS Competitive Projects contract to develop lightweight metallic materials with rich microstructural features including gradient nano-grained materials towards achieving optimal ballistic resistance.

**Congratulations to Dr. Golovin and Dr. Zarifi**

Dr. Kevin Golovin and Dr. Mohammad Zarifi in partnership with PRE Labs were awarded an IDEaS Competitive Projects contract to develop personal protective ensembles capable of both detecting and mitigating chemical, biological, and radiological hazards.

**Congratulations to Dr. Golovin**

Dr. Kevin Golovin was awarded an IDEaS Competitive Projects contract to develop a coating that prevents the adhesion of ice, frost, and snow to textiles for CAF members in extreme Northern environments.

**Congratulations to Dr. Mahmoudi**

Dr. Morteza Mahmoudi was awarded the Brigham Research Institute's (BRI) 2018 BRiGht Futures Prize for his project, "Time to Heal Chronic Wounds" enabling him to advance his skin patch development that heal chronic wounds, such as bedsores and diabetic wounds. More information can be found [here](#).

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Please submit your success stories [here](#) to get featured in the newsletter.

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