
ZURICH, SWITZERLAND, SEPTEMBER 20, 2018

ABB and the University of British Columbia extend research collaboration

ABB continues its tradition of collaborating with academic researchers to drive innovation, via a three-year partnership with the University of British Columbia.

ABB and the University of British Columbia (UBC) have signed a three-year partnership agreement, focused around the research of computer science professor Thomas Fritz, an expert in the practical applications of biometric sensing. ABB will provide a total of \$300,000 in funding (\$100,000 per year), which will be matched by the Government of Canada.

The three-year partnership with UBC will enable several doctoral and post-doctoral students to work on projects under Professor Fritz's guidance, in concert with ABB researchers.

"By pairing the deep expertise of academic researchers with the industry focused expertise of our researchers we accelerate ABB's integration of new technology," said ABB Chief Technology Officer Bazmi Husain. "Professor Fritz's expertise on biometric sensors and productivity make him an ideal partner."

Professor Fritz has a track record of successful partnerships with ABB. In previous collaborations he co-developed the FlowLight, a personal stoplight that reduces interruptions for knowledge workers in an office environment. In addition to providing a productivity boost for ABB office workers this technology has been licensed to Embrava Pty Ltd., providing continued capitalization of this innovation.

Innovating through research and development (R&D), through collaborations like the partnership with UBC, has a long history within ABB. A small sampling of the many universities ABB collaborates with worldwide includes the Massachusetts Institute of Technology (MIT), Carnegie Mellon and Stanford Universities in the United States, Cambridge University in the UK, the Indian Institute of Technology, China's Tsing Hua University, and Sweden's Royal Institute of Technology.

Supporting R&D has also been a strategic imperative. Last year alone, ABB invested some \$1.5 billion in R&D, operating corporate research centers in seven countries: China, India, Germany, Poland, Sweden, Switzerland and the United States. ABB's highly skilled international team of engineers and scientists are focused on areas that align with ABB's core technologies: communications, control, electromagnetics, materials, mechanics, power electronics, sensors, software and switching.

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization with two clear value propositions: bringing electricity from any power plant to any plug and automating industries from natural resources to finished products. As title partner of Formula E, the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB operates in more than 100 countries with about 147,000 employees. www.abb.com

—

For more information please contact:

Media Relations

Phone: +41 43 317 71 11

Email: media.relations@ch.abb.com

ABB Ltd

Affolternstrasse 44

8050 Zurich

Switzerland