

Press Release

Bosch Thermotechnology Corp. Partners with Local University Capstone Program

Three University of Rhode Island Engineering Students Collaborated with Bosch Engineers to Gain Hands-On HVAC Experience, Insights

Watertown, Mass., July 18, 2018 – Bosch Thermotechnology Corp. sponsored three students enrolled in the University of Rhode Island’s (URI) Electrical and Computer ELECOMP Capstone Design Program for the 2017-2018 school year, a course that promotes collaboration between senior-level engineering students and industry sponsors to design, build, program and test solutions to real-world problems.

The Bosch ELECOMP project’s purpose was to investigate ways to extend and improve the lifespan of HVAC products. The students analyzed and reviewed the components of Bosch’s Inverter Ducted Split Air Source Heat Pump and Packaged Water Source Heat Pump, with the goal of improving future HVAC system design through their insights. The assignment included hardware and electrical tasks, as well as firmware, software and computer tasks.

The Bosch technical directors supporting the project included Jerry Huson, controls engineering group manager and Mike Caneja, IoT product manager. The consulting technical director was Mike D. Smith, founder and principal designer at Bold Circuit LLC.

“As a URI alumnus who participated in the ELECOMP Capstone Design program, I speak from experience when I say these projects are valuable for both parties,” Caneja said. “The next generation of engineers gain hands-on experience, and the fresh ideas from these up-and-coming technicians give us new perspectives to help drive innovation.”

The project culminated in April 2018, when the students presented a working prototype at the University of Rhode Island’s ELECOMP Capstone Summit 2018. The presentation also included other key accomplishments from the project such as the development of their hardware and software specifications, as well as the implementation of those specifications into their working prototype.

This successful partnership with the University of Rhode Island spurred collaboration between students and Bosch technical directors on a meaningful project for the HVAC industry,” said Goncalo Costa, director of air conditioning at Bosch Thermotechnology. “Bosch’s new Watertown headquarters is located in a major hub for higher education, and we’re looking forward to partnering with more universities in Boston and the central New England area.” “

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About Bosch Thermotechnology Corp.

Bosch Thermotechnology Corp. is a leading source of high quality heating, cooling and hot water systems. The Company offers Bosch tankless, point-of-use and electric water heaters, Bosch and Buderus floor-standing and wall-hung boilers, Bosch and FHP water-source, geothermal and air-source heat pump systems, as well as controls and accessories for every product line.

Bosch Thermotechnology is committed to reinventing energy efficiency by offering smart products that work together as integrated systems that enhance quality of life in an ultra-efficient and environmentally friendly manner.

Bosch strives to bring the most energy-efficient and environmentally responsible products to global consumers. In delivering the best products at affordable prices to our markets, Bosch has established multiple collaborations and joint ventures on a global scale to bring the latest technologies to North America. All global manufacturing facilities must adhere to stringent quality standards in order to provide the trusted Bosch brand.

For more information, visit www.boschheatingandcooling.com

About Bosch

Having established a regional presence in 1906 in North America, the Bosch Group employs nearly 34,500 associates in more than 100 locations, as of December 31, 2017. In 2017, Bosch generated consolidated sales of \$13.7 billion in the U.S., Canada and Mexico. For more information, visit www.boschusa.com, www.bosch.com.mx and www.bosch.ca.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 402,000 associates worldwide (as of December 31, 2017). The company generated sales of \$88.2 billion in 2017. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility and connected manufacturing. It uses its expertise in sensor technology, software and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiaries and regional companies in 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 125 locations across the globe, Bosch employs roughly 64,500 associates in research and development.

The Bosch Group's strategic objective is to create solutions for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life."

Additional information is available online at www.bosch.com, www.bosch-press.com, <http://twitter.com/BoschPresse>.

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