IT COMPETITION 2020

Trusted and Low-Powered IoT Solutions for the Construction Industry

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THE CHALLENGE

Hilti IT Competition 2020 focuses on **Trusted and Low-powered IoT Solutions for the Construction Industry**.

As an industry leader in offering premium products and services to its customers, Hilti is accentuating the potential of IoT to achieve increased process efficiency in the construction industry. However, there are several technological hurdles involved in the process of building a secure integrated IoT solution.

You are given the opportunity to define new approaches to overcome these challenges and pave way for intelligent and efficient interaction for Hilti customers around the globe.

You may target your solutions or concepts in the following topics:

- Security and data authenticity in IoT solutions

- Connectivity between IoT devices

- Compatibility and longevity of IoT solutions

- Information privacy in IoT solutions

Additionally, ensure that your ideas address one or more of the following challenges that are often observed in the construction industry:

- Usage of tools without continuous power supply

- Limited computing power and memory on edge devices

- Multiple users of the same device

- Limited mobile connectivity on the construction site

- Variety of personas from construction site to back office with varying educational background that requires an attractive, hassle-free IoT solution offering across all levels

WHO CAN PARTICIPATE

Undergraduate and postgraduate from universities and technical around the world. Participation by interdisciplinary teams is highly encouraged.

PRIZES

A once-in-a-lifetime exploration trip
All members of the winning team will travel to one of our strategic locations:
Kuala Lumpur, Malaysia, Plano/Tulsa, USA or Buchs, Switzerland.

A piece of Hilti
All members of the two Runners up teams will walk away with a Hilti power toolbox.

Fast-track application process
All finalists will have access to a fast-track internship application process in either the US, Malaysia or Switzerland.

SAVE THE DATES

Registration Period:
9th September to 29th November, 2019

Submission Period:
18th November to 20th December, 2019

Semi-final Period:
20th January to 14th February, 2020

Final Competition:
30th March to 2nd April, 2020

More info

Visit our website: hilti.work/itcomp1
or scan the QR code for complete details and registration.

For more information, refer to the document "Call for Submission" that can be found on our website.

You may also reach out to us at:
Hilti-IT-Competition@hilti.com