Call for STE2024

Phoenix Contact STE Student Award

March 6-8, 2024, Arcada University of Applied Sciences, Helsinki, Finland

Phoenix Contact STE Student Award at International Conference on Smart Technologies & Education (STE2024)

"Today's factories offer the most technologically advanced workplaces in the world. Innovations are taking place in all areas of industry. Yet industry has an image problem: it is not seen by young people as tech-savvy or forward-looking. We urgently need to change perceptions about careers in industry to attract and retain the best talent from the 'mobile-first' generation," says Lawrence Whittle, Chief Executive Officer of global technology company Parsable and co-founder of the World Economic Forum.

In order to maintain the industry's competitiveness, it is crucial to involve students in future topics such as Industry 4.0, Smart Technologies, Artificial Intelligence or applications related to the All Electric Society (AES) at an early stage and in a practical way. The **Phoenix Contact STE Student Award** is intended to make innovative and forward-looking projects and initiatives internationally visible as examples of best practice. The award will showcase how the digital skills of young engineering students can be developed together with industrial companies and thus create a basis for the future competitiveness of the participating companies.

The digital transformation in the context of the fourth industrial revolution can only succeed with the leadership and participation of young engineers. For the STE2024, the best young engineering students, especially from the fields of Automation and Information Technology, are being sought worldwide and honored with the Phoenix Contact STE Student Award.

Conditions for participation:

All students or student groups of a Higher Education Institution (HEI) with a project or initiative can apply. The submitted projects or initiatives must have been developed in cooperation with an industrial company. Each project or initiative must also be accompanied by a supervisor from the HEI. Projects submitted as Bachelor's or Master's theses are not eligible. Thematically, the projects/initiatives should fit/be inline with the topics of STE2024.

Presentation format of the submission:

The following documents must be submitted

- Description of the project/initiative in the form of a DIN A0 poster. A poster template as well as examples can be found on the EWA website (https://www.edunet-wa.com/1).
- Short statement of the supervising HEI teacher (max. one DIN A4 page)
- Short statement of the supervising industry representative (max. one DIN A4 page)

Important Deadline

31 Dec 2023	Submission of the award documents

The project description and the statements have to be in English.The award documents are submitted via the STE2024 ConfTool.

Topics of Interest

All Electric Society solutions
Augmented & Virtual Reality
Artificial Intelligence
Cloud Technology
Digital Twins
Cyber Physical Systems
Cyber Security
Data Science
Engineering Education of the Future
Green Automation 4.0
Human Machine Interaction & Usability
Industry 4.0/5.0 solutions
Learning in Virtual Environments
Open Science Big Data
Online Engineering
Process Visualization
Remote Control & Measurement
Smart Education
Smart Objects
Smart Solutions
Smart World (City, Buildings, Home etc.)
Sustainable Learning
Teleworking Environment & Teleservice
Solutions for sustainability

Type of award

Three projects will be nominated for the award. One student or student group representative from each nominated project will be invited to STE2024. All costs for the participation of three nominees at the STE2024 will be covered by Phoenix Contact (flight, hotel accommodation, participation fee for the STE2024).

One winner will be selected from the three nominated projects. The winner will receive a prize of **EUR 2,000**.

Award Committee

The nominees and the winner will be selected by a jury consisting of members of Phoenix Contact, EWA and EduNet.