4th Industrial Ethernet Award 2016/2017
Frequently Asked Questions (FAQ)

ETHERNET
POWERLINK
Standardization Group

How do I contact the Award committee?
Via email award@ethernet-powerlink.org or LinkedIn www.ethernet-powerlink.org/en/linkedin.You can also meet us in person at the EPSG booth at SPS/IPC/Drives, embedded world and Hannover fair.

How do I get B&R academic discount?
Please get in contact with your responsible B&R sales person at your location, see http://www.br-automation.com/en/company/locations/.

How do I get the POWERLINK for CODESYS plugin?
Please get in contact with the company BE.services (http://www.be-services.net/). They will provide you with the CODESYS plugin and the POWERLINK IO-Driver. The final product release is planned for November 2016. There's also free e-learning access available for Award participants.

How do I get a real-time Linux operating system?
Visit the homepage of the OSADL (https://www.osadl.org/), they provide you with the necessary resources. Furthermore, there's a database of jitter measurement data (QA-farm) available.

What projects are eligible for the Industrial Ethernet Award (some examples)?
- automation of a machine with B&R components (X20, ACOPOS, …)
- automation of a machine with X20/APC and 3rd party POWERLINK components
- automation of a machine with CODESYS and POWERLINK plugin
- development of a 3rd party POWERLINK products (slaves and masters)
- development of POWERLINK infrastructure components (hubs, switches, WIFI, PoE, …)
- interfacing POWERLINK with other 'neutral' protocols (e.g., IO-Link, AS-I, TCP/IP, …)
- process automation with M2M communication via OPC-UA, but only if the machines are operated with POWERLINK (e.g., OPC-UA is natively supported by B&R X20)
- feature extensions of the openPOWERLINK stack
- performing research on existing machines / laboratory setups which utilize POWERLINK

What projects are not eligible for the Industrial Ethernet Award (some examples)?
- pure openSAFETY projects
- pure theoretical works, e.g., comparison of Industrial Ethernet technologies
- projects where the focus is the use of 3rd party field buses, e.g. process automation with M2M communication via Profibus/Profinet/Modbus/EthernetIP/…, even if the machines are automated with POWERLINK
- development of weapons, mass transportation, etc.

What should I do if I'm still not sure if my project is eligible?
All registered projects will be reviewed. So, when you are in doubt if it's a valid project, just submit the project and you will get an acceptance or rejection.

How is the social event organized?
B&R invites you to Austria for an action event, a commodity event as well as one overnight stay. The actual travelling must be organized and paid by the participating teams.

What important dates do I have to put in my calendar?
- The project must be submitted until ~~December 31st, 2016~~ February 28, 2017 with a 1-page extended abstract. This document should contain an explaining text (approach, principle of operation) and an illustration. The contact information of all team members and supervisors must be attached. We also kindly ask you to join our LinkedIn group www.ethernet-powerlink.org/en/linkedin.
- The project must be finished by June 30th, 2017 with a working prototype and a 6-page documentation in scientific quality.
- The evaluation will be done in July 2017 with the social event taking place in summer 2017.

Disclaimer:
The 4th Industrial Ethernet Award is a promotional event organized by the EPSG; therefore, the EPSG has the right to use the submitted projects for marketing purposes (website, newsletters, fairs, etc.). The intellectual property stays at their respective holders.

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