

Terms and conditions for participating in the events “**Bosch Sensortec IoT Innovation Challenge**” and the “**MikroSystemTechnik Kongress 2021**”

These terms and conditions of Bosch Sensortec GmbH, Gerhard-Kindler-Strasse 9, Germany, www.bosch-sensortec.com (“**Bosch Sensortec**”) apply to the participation in the online event “**Bosch Sensortec IoT Innovation Challenge**” (“**Challenge**”) as well as the attendance of the ten (10) best teams at the “**MikroSystemTechnik Kongress 2021**” in the Forum am Schlosspark in Ludwigsburg (“**Congress**”).

1. Framework of the Agreement

1.1 Bosch Sensortec involves the external service provider MP Solutions Kft. (hereinafter: “MP Solutions”) to administrate and process participant registrations and host participant’s data for the duration of the Challenge and the Congress.

1.2 In terms of event organization (e.g. location, program, video recording), participant’s attendance is subject to the following terms and conditions (hereinafter: “Agreement”).

1.3 Bosch Sensortec operates the Challenge for individuals (i) who are at least eighteen years old, (ii) who are currently enrolled as a student at a university in the European Community (“European University”) or at a university that maintains a close academic cooperation with a European University, or who are pupils or students enrolled at a school located in the European Community and (iii) are able to obtain (or otherwise have access to) the necessary equipment/devices, internet access and other resources necessary to participate in the Challenge and (iv) be able attend the Congress. In the event students are enrolled at a university outside the European Community, but in close academic cooperation with a European University, Bosch reserves the right to admit such students on a case-by-case basis. Students employed at Bosch Sensortec during the Challenge, or up until 1 month before the Challenge (April 15, 2021-May 15, 2021), are excluded from participation.

2. Program

2.1 Bosch Sensortec will endeavor to ensure that the published event program is correct at the time of the actual events. It may however, due to unforeseen circumstances, be necessary to alter the program before the events, and Bosch Sensortec reserves the right to do so without notice.

3. Registration and Participation

3.1 The Challenge is a team event with a minimum of two (2) people and a maximum of five (5) people per team. Pupils or students enrolled at a school located in the European Community can only participate in a team consisting of at least one student enrolled at a university in the European Community.

3.2 MP Solutions operates the website <https://app.hackjunction.com/events/iot-innovation-challenge-1/register/> where applicants are able to register for the Challenge organized by Bosch Sensortec. Each applicant needs to create an application account and register individually. Registration as a team is not possible. Participation is free of charge. MP Solutions will use the Junction App <https://app.hackjunction.com/> for registration and organization of the Challenge. Therefore, in terms of participation in the Challenge, the applicable Terms and Conditions related to all activities using Junction App shall apply.

3.3 Bosch Sensortec its sole discretion to determine the participants of the Challenge. Such decision of Bosch Sensortec is final and cannot be appealed. For clarity, Bosch Sensortec also has the right to accept a formerly rejected applicant’s participation in the Challenge at its sole discretion by informing such applicant thereof.

3.4 Bosch Sensortec has the right to disqualify participants from the Challenge at any time at its sole discretion for example due to inappropriate behavior at the Challenge or breach of the Rules and Regulations of the Bosch Sensortec IoT Innovation Challenge set out in Annex 1 (“Rules and Regulations”) of the Challenge or this Agreement.

3.5 Free access to the Event location at the Congress at the Forum im Schlosspark in Ludwigsburg from 8th November until 11th November 2021 will only be granted to the ten (10) best teams, which will be determined in a decision according to the Rules and Regulations. Any related costs of transportation or accommodation to the Congress shall be borne by the participants themselves.

4. Rules and Regulations

4.1 Participant agrees to abide by the Rules and Regulations in Annex 1 as well as of the Congress.

4.2 Bosch Sensortec reserves the right to adapt the rules Rules and Regulations at any time. The organizers of the Congress reserve the right to adapt the rules of the Congress at any time. All participants are obliged to cooperate and follow the organizers instructions during both events.

5. Permission for audiovisual recording to use materials

5.1 All participants acknowledge that they may be photographed or filmed by Bosch Sensortec's official photographer/videographer, and consent to their image being used in promotional material by Bosch Sensortec. The visitor also consents to audio-visual recordings being broadcast and published over a transmitter, the Internet, or other means. All rights to any images and videos taken are retained by Bosch Sensortec. Detailed agreements with regard to such audiovisual recordings will be agreed separately.

5.2 Furthermore, other attendees of the event may capture Participant's image, in photo, video or streaming formats, which Bosch Sensortec cannot control and for which Bosch Sensortec disclaims all liability.

6. Materials and Results

6.1 Participants acknowledge and agree that any tangible or intangible material, e.g. hardware, data, software, software development kits, mobile applications and related documentation, participants receive from Bosch Sensortec within the scope of the Challenge or Congress (hereinafter: "Material"), constitutes confidential information of Bosch Sensortec and is provided "as is", without any warranties or liability except for harm to life, body and health and except for intent or gross negligence.

6.2 Bosch Sensortec retains full title and all intellectual property rights to the Material. Participants are neither entitled to disclose any such confidential information directly or indirectly, orally, in writing or in any other way, nor to use the Material for any other purpose than to participate in the Challenge and Congress and only for the duration of the Challenge and Congress. Upon request by Bosch Sensortec participants will delete, destroy or return the Material or copies containing or embodying thereof immediately.

6.3 Participants agree not to disassemble, decompile and/or reverse engineer any software and hardware received from Bosch Sensortec and not to remove any product identification, copyright notices, or other notices or proprietary restrictions from the software or hardware. Section 6.5 remains unaffected.

6.4 Participants herewith grant Bosch Sensortec the non-exclusive, sublicensable, transferable, worldwide, perpetual right to use any work results, whether protected by intellectual property rights, copyrights or other similar rights or not, created by participants during the course of the Challenge and Congress. Upon request of Bosch, participants will grant an exclusive license (in the same scope as listed above) or transfer ownership rights in such work results against an appropriate compensation to be paid by Bosch Sensortec. Each member of a team of participants is entitled to agree on the appropriate compensation in a legally binding way for all team members.

6.5 The use of the software is subject to software license terms and possibly includes Open Source Software and third party software under royalty free licenses ("FOSS") which is subject to FOSS license agreements. Participants acknowledge and agree to comply with all applicable licenses and to fulfill the respective license obligations. Provided that within certain FOSS-licenses necessary (e.g. LGPL 2.0), reverse engineering is allowed for the respective OSS component to the required extent. This shall not apply for other components of the software.

7. Data protection

7.1 Bosch Sensortec respects participant's privacy. The protection of participant's privacy throughout the course of processing personal data is an important concern to Bosch Sensortec.

7.2 Bosch Sensortec has engaged MP Solutions to administrate and process Participant registration, store and host participants data for the duration of the events.

8. Term and Termination

The term of the Challenge shall be as defined in the Rules and Regulations.

Bosch Sensortec has the right to cancel or suspend the Challenge for any or no reason. Bosch Sensortec shall not be responsible for any damage or inconvenience caused by a cancellation or suspension of the Challenge or any disqualification.

Dated: 14th April 2021

Bosch Sensortec GmbH

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Annex 1

Rules and Regulations of the “Bosch Sensortec IoT Innovation Challenge”

1. Goal of the competition

The Bosch Sensortec IoT Innovation Challenge is a four and a half month, solution-oriented and digital innovation competition, where university student teams are challenged to develop innovative IoT solutions based on the sensors and development platforms of Bosch Sensortec. The goal is the realization of a practical and innovative project that lives up to the motto “IoT – Invented for Life”. At the end of the competition student teams should be able to provide a rough-and-ready proof of concept and function of their idea. Participants have the opportunity to demonstrate their skills in front of an expert jury and compete with other teams.

2. Website

Current Information on the Bosch Sensortec IoT Innovation Challenge can be found on the following website: <https://www.bosch-sensortec.com/about-us/events/iot-innovation-challenge/>.

3. Event date and venue

Phase 1: Student teams develop their own IoT solution online from 15th of May to 30th of September 2021.

Phase 2: The ten best teams present their projects at the MikroSystemTechnik Kongress 2021 (“MST Kongress”), which will take place from 8th to 10th of November 2021 in Ludwigsburg, Germany.

Detailed dates and deadlines can be found on the above-mentioned website.

4. Event language

Correspondence and presentations will be in English.

5. Jury

The expert jury consists of members of the MST Kongress’ steering committee, Robert Bosch GmbH, Bosch Sensortec GmbH, as well as industry professionals and professors from universities.

6. Task

Student teams of two (minimum) to five (maximum) members are challenged to develop fascinating IoT solutions, enabled by sensors and development platforms of Bosch Sensortec. All accepted teams will receive a starter kit with hardware. Software is available for download on the Bosch Sensortec website www.bosch-sensortec.com, subject to the Bosch Sensortec license terms. Additionally, Software is available for download on the Arduino website, subject to the Arduino license terms.

Bosch Sensortec is interested in exciting use cases that require data processing and data fusion of several sensors in the device with restriction in power consumption and computing power. An essential part of the competition is the conversion of the underlying idea into a functional demonstrator or prototype.

6.1 Focus areas

In keeping with the motto “IoT – Invented for Life”, Bosch is looking for sensor-based solutions in the following focus areas:

- a) Solutions in consumer electronics such as wearables,
- b) Solutions focusing on air quality,
- c) Solutions for smart building & home applications and
- d) Use cases that improve fitness & well-being.

6.2 Development requirements

The teams can choose one of the focus areas to develop their IoT solutions. Participants are encouraged to incorporate as many Bosch Sensortec sensors as possible within their IoT solutions. Teams are expected to come up with new and innovative ideas.

7. Project submission

The documents must be uploaded to the Google form that will be provided in advance, meeting the deadlines. They can only be submitted as a document link via an online file storage tool incl. Google Drive, OneDrive or Dropbox.

7.1 Idea presentation

Please submit an initial video of not more than two minutes that tries to answer key questions when starting an innovation project. It helps to structure your thinking by looking at your idea from different perspectives.

You can include the following aspects:

- a) Problem(s) / use cases you want to solve
- b) Your idea in one sentence and a description of your solution
- c) Value proposition for the user
- d) Introduction of your team

(Possible formats: Mov, MP4, Avi, Mpg)

Submission deadline: 30th of June 2021.

7.2 Final documentation

The final documentation serves as a basis for the evaluation of your projects and pitch at the MST Kongress. Following documents are required:

- A project presentation giving a synopsis of your idea and trying to answer all questions mentioned in section '9. Evaluation'. We advise teams to use pictures and illustrations to make it more pictorial. The size of the report should not exceed 15 slides. Please use this [Project Report Template](#). (Possible formats: ppt, pptx, pdf)
- A demo video that demonstrates your solution of max. 3 minutes. (Possible formats: Mov, MP4, Avi, Mpg)
- A link to your GitHub repository to share your library.

Please list any third-party materials that were used to build your solution (e.g., pre-built libraries) and specify source.

Submission deadline: 30th of September 2021.

Note: For recording, you can use semi/professional camera or your smartphone; either way, it should be recorded in HD. Use landscape (horizontal) orientation if possible. If you are going to use music, be very careful with copyrights.

8. Competition implementation

Depending on the number of registered teams, the competition will be held in one or two stages. A maximum of ten teams will be admitted to the finals at the MST Kongress from 8th to 10th of November 2021 in Ludwigsburg.

a. Preliminary round

The ten best teams will be determined in a preliminary decision based on the evaluation of the documents submitted during the competition (see section '7. Project submission').

b. Final round

Each team participating in the competition will be notified approximately three weeks before the MST Kongress whether it may participate in the finals.

A poster presenting the results must be prepared for the final round. Bosch Sensortec will specify the poster size and layout.

Furthermore, each team should prepare a functional exhibit (demonstrator or prototype) for the MST Kongress. At the venue each team will get an exhibition area with a table. Bosch Sensortec reserves the right to prohibit presentations and to ask teams to dismantle exhibits if they have not been agreed upon in advance.

During the finals at the MST Kongress 2021 the jury will visit and evaluate the exhibits of the participating teams. Furthermore, the teams will have the chance to pitch their idea in a 3-minute presentation during an elevator pitch. All presentations for the pitch must be submitted until 5th of November 2021 in digital form (ppt, pptx or pdf).

The three best teams in the overall ranking will be awarded at the evening event of the MST Kongress. The teams competing in the finals are obliged to remain at the venue until the competition is over.

Bosch Sensortec will provide further details in advance.

9. Evaluation

All team projects are compared and evaluated on the basis of the following weighted criteria:

1. Innovation (30%): What is new about the idea?, What is the technical progress? What are the USPs of your idea?
2. Feasibility (20%): Which use case or problem did you solve and how relevant is it? Who is your target customer?, How easily could the idea enter the market? What is the current or expected competitive situation for the idea?
3. User experience (20%): How will the customer in the target market benefit from the idea? What is the value proposition?
4. Functional demonstrator (20%): Evaluation of the performance and setup of the demo (proper setup of electronics and mechanics) and the library on GitHub. How did you use the hardware and how do the sensors enable your solution?
5. Style of presentation (10%): Recognizable and convincing storyline, compact and valid information, memorable visualization.

10. Prizes

Every participant receives a certificate of participation. In addition, the first three teams in the overall ranking will receive a cash prize. Details are available on the Bosch Sensortec website.

11. Participants' obligations and responsibilities

a) Participants expressly agree to, among other things, observe the following minimum rules of conduct:

- respect other participants;
- avoid using expressions, in any case or context, that incite violence, discrimination, obscenity and/or defamation;
- avoid content that is offensive, defamatory, vulgar, political/ideological, religious, constitutes advertising, infringes privacy, or is in any event contrary to the law or to the principles of correctness and good faith;
- develop projects that adhere to the objectives of the Challenge;
- avoid violation of copyrights, trademarks, patents or other intellectual and industrial property rights in the presentation of their projects;
- avoid violating third parties' or other participants' right to privacy and personal data protection.

b) Each team shall be exclusively responsible for the content of their project – therefore, no direct or indirect liability can be attributed by anyone to Bosch Sensortec and/or partners with respect to the content of projects. Each participant hereby agrees to indemnify and hold Bosch Sensortec and/or partners harmless in relation to any claim – including for damages – that may be advanced for any reason in relation to the project presented.

12. Miscellaneous

These Rules and Regulations are subject to change without notice.

Dated: 17th August 2021

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