

# Terms and Conditions for the Use of the EWSN 2019 Dependability Competition Testbed Facility

The purpose of this document is to establish the acceptable and unacceptable use of the EWSN 2019 Dependability Competition testbed facility (hereafter “testbed facility”) located at Graz University of Technology (hereafter “TU Graz”).

## 1. Description of the testbed facility

The EWSN 2019 Dependability Competition aims to compare the performance of low-power wireless communication protocols on real hardware devices in harsh RF environments. Towards this goal, the competition organizers make available a low-power wireless testbed facility to the competing teams, such that they can test their protocols in the different evaluation scenarios.

The testbed facility is located in the rooms and laboratories of the Institute of Technical Informatics at TU Graz (Inffeldgasse 16, 8010 Graz, Austria). The testbed offers the possibility to program several Advanticsys MTM-5000-MSP wireless sensor nodes using a Web interface (available at <https://iti-testbed.tugraz.at/>), to collect serial traces from each wireless sensor node, as well as to download the statistics about the performance of each experiment that was executed.

## 2. Terms of use

Granting access to the testbed facility is conditioned to an agreement between the competing teams and the Institute for Technical Informatics of TU Graz about:

- A. The nature of the experiments to be carried out on the wireless sensor nodes;
- B. The acceptable use of the wireless sensor nodes in the testbed facility.

In particular, by signing this agreement, the competing team that is granted an account to access the testbed facility declares:

- To use the provided account and testbed facility exclusively for research purposes and for testing the solution submitted to the EWSN 2019 Dependability Competition;
- Not to use the provided account and the testbed facility to gain (or try to gain) unauthorized access to or disrupt (or try to disrupt) any service, data, account or network;
- Not to use the wireless sensor nodes of the testbed facility to deliberately jam the radio frequencies in the building in which the testbed facility is located;
- Not to use the provided account and the testbed facility to violate a person’s privacy or sniff ongoing wireless traffic;
- Not to constitute or eventually lead to any threat or damage against any person or organization;
- Not to infringe any copyright, nor violate any import/export control and any personal data privacy laws or regulations;
- To promptly inform the contact persons about any malfunctioning hardware or software, or any damage that occurred during experimentation;
- To agree on the Austrian Federal Act concerning the Protection of Personal Data (DSG 2000) available at [https://www.ris.bka.gv.at/Dokument.wxe?Abfrage=Erw&Dokumentnummer=ERV\\_1999\\_1\\_165](https://www.ris.bka.gv.at/Dokument.wxe?Abfrage=Erw&Dokumentnummer=ERV_1999_1_165)

The competing team also acknowledges and agrees that every `.ihex` file uploaded through the Web interface is permanently stored into the testbed’s server on a dedicated team folder. Furthermore, the competing team allows the competition organizers to program the wireless sensor nodes on the testbed using the provided `.ihex` files during the competition’s evaluation phase and to publicly disclose the results of these experiments. The competing team further declares not to upload any spyware, malware, or pornographic material to the testbed nodes as `.ihex` file or in any other form, and to waive TU Graz and the competition organizers from liability on the stored content.

### 3. Availability of the testbed facility

The testbed facility will be available to the contestants between 08.10.2018 and 15.12.2018, unless a further extension is communicated through the official competition Website. The availability of the testbed during this timeframe is, however, not guaranteed. The competition organizers and TU Graz employees will be granted with a priority access policy for maintenance and experimentation tasks.

In case of unexpected unavailability or any malfunctioning of the testbed facility (hardware and/or software), the competing team agrees to promptly inform the competition organizers.

### 4. Competition organizers (and contacts persons)

- Carlo Alberto Boano ([cboano@tugraz.at](mailto:cboano@tugraz.at), +43 316 873 6413);
- Markus Schuss ([markus.schuss@tugraz.at](mailto:markus.schuss@tugraz.at), +43 316 873 6403).

### 5. Violations of the terms and conditions

Competing teams that do not adhere to the aforementioned terms and conditions will be denied access to the testbed facility (i.e., their account will be deleted) and will further be liable for any administrative or criminal consequences of their actions.

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## IN ACCEPTANCE OF THE AFOREMENTIONED TERMS AND CONDITIONS

**Team number:**

**Team members:**

On behalf of all members of Team number \_\_\_\_\_, I hereby declare that each team member has read, understood, and will strictly adhere to the terms and conditions for the use of the EWSN 2019 Dependability Competition testbed facility.

**First name:**

**Last name:**

**E-mail address:**

**Institution and address:**

**Date:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

Note that, by signing this form, you declare that each of the listed team members agrees to the use of his/her personal data (name, affiliation, address, and e-mail) for the purpose of organizing and running the EWSN Dependability Competition 2019. The data collected in this statement will be stored internally and will not be passed to third parties. Consent may be withdrawn at any time by sending an e-mail to the competition organizers.