

# Rules and regulations

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Version of December 07, 2020

## 1. Definitions

- 1.1 **SensUs, SensUs 2021, SensUs Student Competition**, and the **SensUs Competition** are defined as the SensUs project as a whole.
- 1.2 The **SensUs Organization** is defined as the group of students at the Technical University of Eindhoven who are responsible for the organization of the SensUs Competition.
- 1.3 A **SensUs Team** or **Team** is defined as a group of students who participate in the SensUs Competition.
- 1.4 The **SensUs Innovation Days** are defined as the period from 30-08-2021 until 04-09-2021 when all Teams show their results to conclude the SensUs Competition.
- 1.5 The **SensUs Contest** and **SensUs Event** are defined as the aspects of the SensUs Innovation Days that is open to the public. The term SensUs Event will primarily be used for communication to the general public and the term SensUs Contest for potential partners or businesses.
- 1.6 A **Team Supervisor** or **Supervisor** is defined as the university professor (full, associate, or assistant) who has sole educational end responsibility for the activities of a SensUs Team.
- 1.7 A **Team Coach** or **Coach** is defined as a person with a coaching or guiding role towards the Team.
- 1.8 The **Team Captains** are defined as two students in a Team that act as the first point of contact with the SensUs Organization.
- 1.9 The **SensUs website** is defined as the SensUs domain: [sensus.org](https://sensus.org). This domain includes but is not limited to [www.sensus.org](https://www.sensus.org), [digital.sensus.org](https://digital.sensus.org), and all their archived websites.
- 1.10 The **Team Information Document** is the medium that will be used to provide and collect information. Only the SensUs Organization can access the Team Information Document.

## 2. Team composition

- 2.1 A maximum size of 15 students is allowed for participating Teams. It is strongly recommended to have at least 8 students in a Team.
  - 2.1.1 Students can participate in a Team when they 1) are enrolled in a Bachelor's or Master's program during the SensUs Competition or 2) have finished their Bachelor's program during the SensUs Competition and will start their Master's program in the consecutive academic year.
  - 2.1.2 Students who are enrolled in a Master's program cannot participate in SensUs 2021 if they graduate before June 1, 2021.
  - 2.1.3 Ph.D. students can only participate in a Team if they 1) did not follow a Master's program and 2) are still within their first year of the Ph.D. program during the SensUs Contest.
  - 2.1.4 Students who have participated in previous editions of SensUs are allowed to participate in SensUs 2021, provided that they meet the requirements mentioned above. If they participated in SensUs 2020, they can request exemption of the requirements above.

- 2.2 For each university Team, a university professor (as defined in 1.6) acts as the Team Supervisor. The Supervisor is responsible for the formation, supervision, and guidance of the participating Team. Note: It is advised that professors involve an additional staff member in the guidance of the Team, e.g. another professor, a postdoc, or a Ph.D. student.
- 2.3 In each participating Team, two students act as the Team Captains and contact persons towards the SensUs Organization.
- 2.4 Teams are shown on the SensUs website. Team members should explicitly make clear whether they consent to be shown on the SensUs website by signing the “Sign for SensUs 2021” document. This includes names, surnames, and pictures.
- 2.5 Each Team chooses a Team name. This name will be used to represent the Team in public, e.g. on the SensUs website and during the SensUs Contest.
  - 2.5.1 Team names need to be proposed to and accepted by the SensUs Organization.
  - 2.5.2 The proposed Team name can be rejected if there is not sufficient distinction between the names of different Teams.
  - 2.5.3 The proposed Team name can be rejected if the SensUs Organization deems the name to conflict with the vision and mission of the SensUs Competition.
  - 2.5.4 The proposed Team name is not allowed to directly refer to a non-academic sponsor. However, it is allowed to make an indirect reference to a non-academic sponsor.
  - 2.5.5 The final judgment about the proposed Team name is at the discretion of the SensUs Organization.

### **3. The SensUs Event**

- 3.1 During the SensUs Competition, every Team designs and builds a prototype biosensor system for the measurement of a given biomarker in a given matrix.
- 3.2 A biosensor system must meet the requirements defined in the Analytical Aim section in the Information Package to be allowed to the SensUs Contest.
  - 3.2.1 Teams are not allowed to use an assay kit with an unknown composition. A biosensor system is only admitted to the SensUs Contest when the Team knows the molecular composition of all reagents and can disclose all assay processes used in the biosensor.
  - 3.2.2 Teams may use biomaterials from external sources (e.g. antibodies) in their biosensor system, given that the requirement under 3.2.1 is met.
- 3.3 The SensUs Contest includes the testing of prototype biosensor systems and presentations for an audience.
- 3.4 Teams will be judged on data extracted from their biosensor system during the SensUs Contest and on supporting information, e.g. Team Results Document, posters, and presentations.
  - 3.4.1 The Jury is composed by the SensUs Organization with the intention of creating a judgment with the representation of different stakeholders, e.g. university professors, representatives from companies, and healthcare representatives.
  - 3.4.2 Teams should provide information to the Jury in a transparent and truthful manner. Fraudulent or misleading behavior can lead to disqualification of the Team. This is at the discretion of the Jury and the SensUs Organization.

- 3.5 Traveling to and from the Netherlands should be arranged and paid for by the participating Teams themselves. The SensUs Organization arranges a stay for the Teams during the SensUs Innovation Days.

#### **4. Safety**

- 4.1 The participating Teams are required to follow all safety and insurance rules of their institution and their respective countries. Failure to do so can result in disqualification from the Competition at the discretion of the SensUs Organization.
- 4.2 For every Team, the Supervisor ensures that the Team members follow all required safety trainings and are covered by insurances necessary for their SensUs work.
- 4.3 Teams are required to minimize the use of harmful chemicals.
- 4.4 Teams are required to build their prototype biosensor system in such a way that the device can function outside of a laboratory environment. All equipment must be able to function safely in a public setting.
- 4.5 Every Team must inform the SensUs Organization about potential safety risks of their biosensor system. This information must be provided to the SensUs Organization at least two weeks before the SensUs Contest.
- 4.6 During the stay in the Netherlands for the SensUs Event, Teams are required to follow all safety rules set by the SensUs Organization and the location of the SensUs Innovation Days.

#### **5. Intellectual property**

- 5.1 The SensUs Contest occurs in the public domain. Therefore, demonstrations and presentations of the biosensor systems occur in the public domain.
- 5.2 If a biosensor concept works well, is new, and is commercially interesting, then a Team may want to file a provisional patent application. If a participating Team or its university wants to secure patent rights, it is their responsibility to do so. The filing of a patent application should be initiated several months ahead of the Contest, in order to get legal protection and make it possible that the Team can openly show their new ideas to the Jury and the public in the SensUs Contest.
- 5.3 The SensUs Organization is not involved in the securement of patent rights and does not cover any IP-related costs of the Teams.

#### **6. Deadlines, changes, cancellation**

- 6.1 The SensUs Organization reserves the right to impose consequences onto a Team when it misses a deadline, or it fails to follow the rules.
- 6.2 The SensUs Organization reserves the right to cancel or change the SensUs Innovation Days in case of circumstances that strongly affect the Competition.
- 6.3 The Rules and Regulations may be subject to change at the discretion of the SensUs Organization. The participating Teams will be informed about these changes. The latest version of the Rules and Regulations is available on the SensUs website.

## **7. Responsibility**

- 7.1 The SensUs Organization is not liable for any loss or damage caused by participants or visitors. This includes but is not limited to: materials used during the SensUs week, personal belongings, chemicals, and biosensor systems.
- 7.2 Team members are responsible for their own belongings during their stay in the Netherlands.
- 7.3 Participants need to arrange all necessary insurances themselves. The SensUs Organization recommends the Team members to have travel, health, and liability insurances during their stay in the Netherlands.

## **8. Promotion / social media**

- 8.1 Please contact the SensUs Organization for the use of any component of the SensUs identity. This includes but is not limited to: the SensUs logo, photos or video recordings of the SensUs Innovation Days, and logos and images of partners.
- 8.1.1 Teams are encouraged to share content with the SensUs Organization for cross-promotion. Whether a post is shared is at the discretion of the SensUs Organization.