

Regulation of the national selection and Festival 2023

1. Participants

The Festival Science on Stage Switzerland 2023 (later called "Festival 2023") is open to one or two persons provided that at least one is a teacher or a teacher-in-training¹. If the second partner is neither a teacher nor a teacher-in-training, he/she should prove his/her experience in teaching or an experience, which could be considered as equivalent by the jury.

2. Domains of experiments

Projects can be accepted in Science, Technology, Engineering and Mathematics (STEM), from primary to high school.

3. Qualification procedures

Interested participants must register online. After an evaluation by the jury, the 30 best projects will be selected and their authors invited to participate to the selection 2023.

4. Registration

Registration is made using the online form in French, German, Italian or English on the website of Science on Stage Switzerland (https://scienceonstage.ch/en/festivals/uuid/i/8832a43d-b4a2-5281-b52f-5d31efd9b903-Swiss_Festival_2023). They can be filled up in French, German, Italian or English. The following types of projects will be accepted: intra- or extra-muros lessons, experiments, workshops ideas, conferences or shows. The text of the project must contain a maximum of 1,200 characters (spaces included) and no pictures. Optional: a film of 3 minutes **in English** could be submitted to present and promote the project.

5. Guiding themes defined by Science on Stage

- **STEM for the Youngest:** Projects to promote STEM in elementary school for kids, 10 years or younger
- **STEM Education for Sustainable Development:** Projects that contributes to the achievement of the 17 Sustainable Development Goals
- **Digital Technologies in STEM Education:** Projects on programming, digital education, ICT, Big Data, artificial intelligence, virtual reality, etc.
- **Diversity in STEM Teaching:** Projects that reflect the heterogeneity and diversity of our society, e.g. teaching methods that engage students with different learning levels or different cultural backgrounds.)

¹ For primary to high/secondary school

- **STEAM in Education:** Projects combining natural science with other disciplines, e.g. science, technology, engineering or mathematics with arts, music, sports, history, etc.
- **Low-Cost Experiments in STEM Education:** Projects that are low-cost to implement
- **STEM for Teachers in Training:** Projects that have been developed during pre-service teacher training or teacher traineeship
- **Other**

6. Hazards

All experiments must follow the safety rules for Swiss schools. In case of doubt, participants may contact the committee (sons@scnat.ch). Flames bigger than those in Bunsen burners are prohibited. Experiments producing sound or odours should be made sparingly, in respectful consideration for the other participants.

7. Evaluation of projects

In accordance to the regulations of the European festival, the ideal Science on Stage project:

- is from teachers for teachers,
- promotes inquiry-based learning,
- has a high relevance to everyday life,
- is easy to implement in everyday school life and can be financed with reasonable means,
- promotes education for sustainable development (ESD).

Furthermore, projects will be evaluated by the Swiss jury according to their quality and originality.

8. Festival 2023 (in Technorama in Winterthur)

The Festival 2023 will take place as follows:

- The 30 best projects will be presented in the Fair ("market") in the setting of the selection 2023. They will be evaluated by the Swiss jury.
- The 15 best projects will be selected and their authors will be invited to display their project on stage, having **5 to 7 minutes** to present it preferably in English. The candidates could however present their project in French, German or Italian but the support of the presentation (PowerPoint for example) must be in English. Therefore, participants have to be ready to present their projects. The projects will be evaluated by the Swiss jury.
- The authors of the 4 best projects will be selected to participate to the Science on Stage Europe Festival. They have to be able to speak English at the European



festival. In addition, they will have to create a poster (if needed, with the help of the Swiss committee).

9. Modalities of participation

The organizers of the Festival 2023 will make available the following equipment: a table, electricity, a water source (but no running water) and, upon request, a panel for a poster. The same equipment will also be available at the European festival. The participants are kindly asked to manage their own trash removal. Material costs are borne by the participants.

10. Finances

The invited persons taking part individually or in tandem will participate in the Swiss festival for free. They can also charge for their travel costs (2nd class train ticket) to Winterthur. Without a receipt, the reimbursement is done on the basis of half fare 2nd class ticket. An equivalent of a train ticket (half fare 2nd class) will be reimburse in the case of a travel by car.

For applicants whose journey to the start of the National Festival in Winterthur (at 9.30 am) is so long that they would have to leave the day before, Science in Stage Switzerland will book and pay for a room the night before the event.

The 4 best pairs or those individually participating will not have to pay for their participation in the European festival in 2024 (travel and hotel).

11. Schedule/deadlines

Selection 2023 registration opens	01.03.2023
Selection 2023 registration closes	30.09.2023
Festival 2023 in Technorama, Winterthur	18.11.2023
European Festival in Turku, Finland	12-15.08.2024

This regulation has been approved by the NSC of Science on Stage Switzerland in November 2022.