



Contribution ID: 42

Type: **Talk**

## **Raising impact of particle Physics outreach events through gamification**

*Wednesday 25 August 2021 17:00 (25 minutes)*

The International Masterclass - Hands on Particle Physics is an outreach event proposed by the International Particle Physics Outreach Group since 2004. Its traditional format had a worldwide success during the last years, reaching thousands of high school students and introducing them to the world of particle physics.

During the last two years, the COVID-19 pandemics forced all the groups proposing the activity to find an online alternative to preserve the spirit of the initiative.

The local committee of the University di Trento proposed an online event, divided into several short events carried out over two weeks. The introduction of an analysis challenge among the students has made it possible to obtain a very good response and to achieve, with less than 20 students, enough statistics to discuss the physical results of the analysis. The contribution describes the details of the organization, results, and feedback from the students, with some proposals to improve the experience for the next years.

### **Is this abstract from experiment?**

No

### **Name of experiment and experimental site**

N/A

### **Is the speaker for that presentation defined?**

Yes

### **Details**

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[1] <https://www.unitn.it/en>

[2] <https://www.fbk.eu/en/>

[3] <https://www.tifpa.infn.it/>

### **Internet talk**

Maybe

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