

# How to measure the impact of the HST-program?

**WG7**

**Kristofer**

**Cecilia**

**Julio**

**Marco**

**Erigene**

# WG7 PROJECT

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## Encouragement

**“Vague, but exciting”**

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## **Encouragement**

**“It’s an uphill battle” – Rolf Landua**

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## Table of content

- 1. The what**
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# WG7 PROJECT – The what

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## Goals

- *To promote the teaching of physics and, in particular of particle physics, in high schools*
- *To promote the exchange of knowledge and experience among teachers of different nationalities*
- *To expose teachers to the world of research*
- *To stimulate activities related to the popularization of physics within and beyond the classroom*
- *To help CERN establish closer links with European schools*
- *To encourage the cooperation between CERN and existing programs sponsored by the European Union in the area of scientific education*

# WG7 PROJECT – The what

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## Goals

- *To promote the teaching of physics and, in particular of particle physics, in high schools*
- *To stimulate activities related to the popularization of physics within and beyond the classroom*

# **WG7 PROJECT – The what**

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## **Specific aims**

**Teachers confidence**

**Efficiency of the HST-  
program**

**Teachers knowledge**



# WG7 PROJECT – The what

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## Tools

**Opinion polls**

**Questionnaires with  
multiple choice answers**

**Qualitative questionnaires  
with open answers**

# WG7 PROJECT – The what

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## Concerns

**Limited resources**

**Evolution of questions →**

**Evolution of answers →**

**More analyzing**

**Needs to be able to  
measure change**

# WG7 PROJECT – The what

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**Battle the  
concerns**

**Student perspective**

**Digital**

**The national programs as  
pilots**

# WG7 PROJECT – The how

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**Getting  
started**

**Brainstorming**

**Topics**

**Questions**

# WG7 PROJECT – The how

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## Topics

**Particle physics**

**Cosmology**

**Structure of CERN**

**Quantum mechanics**

# **WG7 PROJECT – The top secret**

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## **Interactive**

**Use your phone or  
computer and open  
socrative.com**

**Press student login and  
enter room number  
585858**

## Summary

**Specific aims**

**Tools to accomplish the  
aims**

**A taste of questions**

# WG7 PROJECT

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## Encouragement

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