ITW2022
Study Groups

1 Particle Accelerators
2 Particle Detectors
3 Computing in Particle Physics
4 Medical Applications of Particle Physics
5 Higgs Physics & Neutrino Physics
6 Antimatter Research

WEEK1

SG Session 1
Wednesday, 3 August
16:00-17:30

SG Session 2
Thursday, 4 August
16:30-17:30

WEEK2

SG Session 3
Monday, 8 August
16:00-17:30

SG Session 4
Thursday, 11 August
14:00-17:00

Last day of ITW2022

SG Final Presentations
Friday, 12 August
9:30-12:30

Guiding research questions about the SG topics
A) To what extent is the topic featured in your curriculum?
B) Which students' conceptions about the topic do you know?
C) What is your experience with teaching the topic in your classroom?
D) Which words and phrases can cause difficulties and misunderstandings?
E) Which aspects of the topic do you consider challenging to teach to students?
F) Which aspects of the topic do you think can be appropriately introduced in the classroom?

Guidelines for the final presentation
1) Curriculum & classroom connections
Highlight potential connections to the various curriculums and your individual teaching practises

2) Key ideas
Showcase the most important aspects of the topic that you consider to be key for a meaningful instruction

3) Potential students' conceptions & challenges
Illustrate elements of the topic that might obstruct a successful introduction in the classroom

4) Helpful material and resources
Reference any material that you find useful for your students and/or your colleagues

5) Best practice example
Summarise your findings through a brief outline of an instructional strategy