



A large, illuminated, golden dome structure, possibly a planetarium or observatory, dominates the background. The dome is composed of many vertical and horizontal panels, creating a grid-like pattern. It is lit from within, giving it a warm, golden glow. In the foreground, two silhouetted figures stand with their arms raised in a gesture of excitement or triumph. The sky is a clear, light blue, suggesting a bright day. The overall scene is one of awe and discovery.

Introduction to the work group on:  
**Girls in the Physics Classroom**

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# Theoretical Framework

- Girls are considerably less interested in scientific subjects than boys
- Extensively evaluated interventions to encourage girls' interest
- Scientific subjects are generally considered to be a masculine area of interest

identify stereotypically feminine & masculine topics related to CERN physics

# Work Group Goals

## WHAT?

- Analyze physics topics relevant to CERN
- Identify possible feminine and masculine topics

## HOW?

- Review literature
- Group discussion
- Interviews and discussions with CERN scientists

## NEXT STEPS / Optional

- Probe with students visiting CERN
- Establish guidelines on how to introduce particle physics
- Develop teaching material taking into account the „gender approach“

# Timeline

