Why does CERN invite us ?

1 – We represent a broad range of nationalities.

2 – CERN is concerned in the way that the "scientific message" can be disseminated to the youth and to the whole population in EU.

3 – Teachers that participate to the training stay are concerned and "open minded". There is a high probability that they will coordinate their individual contributions to hit more efficiently the "target".

4 – The training stay could be the first step to create an international network (web site, diffusion list, etc …)

5 – The diffusion of CERN message, popularize its work and its mission to all people. UE people should be convinced they pay for useful science.

6 – Teachers may influence the evolution and the modifications of the curriculum of students. So as "physics particles" could be integrate.

7 – The workgroups may provide "new material" for teaching.

These are the results of the "S_to_Z-Jury" about the question

"why did CERN invite us here (and to pay for our stay)".

CERN costs Millions of $ each year,

so they must give information to the public about

what is done and

why is this necessary.

We can reach and inform many pupils (and might be their relatives) each year.

Teachers have a key role in the creation of new physicists.

We can maintain the next generation's interest in science

and their understanding what is / what is not science.

This is a possibility to integrate different countries, to let people from these work

together on topics related to CERN and to stay in touch later on.

Peter Ulbricht

Group 3

What does CERN expect?

1. **Prepare teachers to attract students to the field of physics.**
2. **Enhance public understanding of the process of science.**
3. **Develop public support for the activities at CERN.**
4. **Develop the skills of High School physics teacher.**
5. **Teach the teachers to develop experiments in modern physics that can be done in schools.**
6. **Develop new teaching materials accessible to public (www).**
7. **Proposal for future "marriage" of modern physics and art.**