

PARTICLE PHYSICS SEMINAR SERIES

**Netzwerk Teilchenwelt:
Where high school students
participate in HEP research
and young talents are
promoted**

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Tuesday, October 15

4:00 pm - Rm 415 NSH

To enable high school students to participate in the fascinating research in HEP physics, 30 universities in Germany have joined forces to form Netzwerk Teilchenwelt. About 150 researchers are active in the outreach program and bring cutting edge physics research into the classroom, for example with Masterclasses. They inform high school students about current findings, open questions and research methods in particle and astroparticle physics. Every year about 3500 students are reached and work with original data from CERN or study cosmic particles with particle detectors. In the advanced stages of Netzwerk Teilchenwelt, motivated pupils continue to engage in research and attend workshops at CERN. The most committed students can spend two weeks at CERN doing their own research projects. Preparation and follow-up of this work takes place close to home. A fellow program offers young students early contact with research at their place of study, personal support and further education, as well as nationwide networking opportunities. Through the fellow program, research groups can attract highly motivated and educated young scientists who can take on future research and development tasks, but also help with scientific activities such as conferences or outreach events.



PHYSICS