



# Physics Education Research at CERN

an activity of the Teacher and Student Programmes Section of IR-ECO

## Ph.D. Thesis Offer on Evaluation of International Teacher Programmes

### Description

CERN provides several national and international programmes for science teachers since nearly 20 years. Those programmes have received very positive feedback from participants and member states. In order to develop this programme further and also report on its impact and suitability regarding the different curricula in the addressed countries, a study is the right tool to find answers to the most burning questions.

This thesis should evaluate the goals of the programme from the point of view of the different stakeholders, i.e. countries, CERN, international bodies, in the framework of a DELPHI study. Furthermore, in view of the participants, motivation and/or curiosity gain through the programmes should be measured.

### Training Value

The successful applicant will learn about techniques for international evaluations, working with statistics, DELPHI studies, and get a glimpse of the international environment governing the professional development of teachers.

### Supervision

The thesis will be jointly supervised by a university professor and a supervisor from CERN's Physics Education Research team.

For this thesis, the chair of Physics Education at the University of Potsdam, Germany, Prof. Dr. Andreas Borowski, has agreed to supervise the successful applicant. The supervisor at CERN will be the Head of Teacher and Student Programmes, Dr. Sascha Schmeling.

### How to apply?

Applications are handled by CERN HR, please find the application information for CERN's doctoral student programme at <http://cern.ch/jobs/join-us/doctoral-student-programme>. **The application deadline for the current round is October 16<sup>th</sup>, 2017!**