



**UNIVERSITY
OF TURKU**



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Good Practices in Science Communication: A Coimbra Group Compendium in the Light of Science Communication Research

Abstract:

A compendium of best practice examples of initiatives and programs for attracting and retaining young people in STEM fields within the Coimbra Group STEM WG community has been compiled. Information was gathered on more than 40 initiatives from 10 countries, including a detailed description of the objectives and content. This data set includes features such as target group(s), frequency and duration, number of participants, disciplines involved, and more. An analysis of this qualitative and quantitative data will be presented in light of evidence from science communication and education research. This analysis will address questions potentially interesting for development and improvement, such as the choice of disciplines and target groups, bridging measures to school, and evaluation.



The first speaker, Prof. Andreas Müller from the University of Geneva, will present an online talk via Zoom on the mentioned topic for the first 30 minutes (from 15:00 until 15:30). He will then be available for an open discussion with the audience for another 15 minutes, until 15:45. Unfortunately, he will have to leave after 15:45 for other commitments.

We have a second speaker, Prof. Laura Orian from the University of Padova, who will present a 20-minute talk on an Italian national project, the Scientific Degree Plan (PLS, <https://www.pianolaureescientifiche.it/pianolaureescientifiche/>). This project involved various disciplines (Biology and Biotechnology, Chemistry, Physics, Geology, Informatics, Mathematics, Natural and Environmental Sciences, Materials Science, Statistics), and she will describe the aims of the projects and activities carried out at local and national levels.

The audience can engage with Laura Orian after her presentation. However, for Andreas Müller, the audience will need to stick to the 15 minutes of open questions as he will be joining us online.

Moderators:

- Francesco De Anna, Chair of the STEM WG
- Giulia Marina Licini, Vice-Chair of the STEM