

Anna Brancaccio

welcomes the event participants, introduces the conference speakers and illustrates the event programme, which is the presentation of the results of the SMART project.

She explains that the international Project has originated from two Italian strategic projects, the PP&S Project on Mathematics (started in 2012) and the LS OSA Project on Science (started in 2013). The idea at the basis of both national projects was the innovation of teaching techniques in Mathematics and Science, with a focus on their methodology. The Italian Ministry of Education DGO General Director Carmela Palumbo has been the promoter of these innovative projects, which have seen the participation of a great number of schools with the aim of creating a system.

The PP&S Project focuses on a resolution methodology, in which the problem is posed in a context and the teachers play a role of collaboration in the learning process of their students.

For Science, in the LS OSA Project, itinerant laboratories have also been organized, in which poor everyday materials are used, in this way focusing on methods, rather than on contents.

Once the two national projects have grown up, they have been taken on a European scenario in order to confront them with the experiences of other countries and exchange good practices.

In the SMART partnership there are ten components: the Italian Ministry of Education, the University of Turin, the University of Roma Tre, the Turin Accademia delle Scienze, “Risorse in Crescita”, the “Carlo Anti” School, the Swedish Chalmers University of Gothenburg, the Dutch TU University of Delft, the German St. Thomas Gymnasium of Wettenhausen and the Hungarian Radnoti School of Pecs.

Anna Brancaccio shows the project platform address (smartpps.carloanti.it) and explains that next October, at the end of the project life, all materials will be made available there to all who are interested in Mathematics and Science.

Three intellectual outputs are being produced by the project partners: the analysis on the teachers' training needs, some innovative didactic materials and two Open Online Courses for Science and Mathematics teachers.