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art@CMS sciARTmasterclass 5 years successful experience with interdisciplinary science education

art@CMS is an education and outreach program of the CMS experiment at the Large Hadron Collider (LHC) at CERN, the European Laboratory for Particle Physics. It is based on the collaboration between the CMS and HEP scientific community, artists, art communities, as well as art and science teachers. The art@CMS scheme enacts as a master example within the HORIZON2020 initiative CREATIONS.

Since the school year 2012/2013 the art@CMS program is running interdisciplinary educative science inspiration and education workshops for different levels of education. The aim of the art@CMS sciARTmasterclass or Science&Art@school is to perform innovative activities that involve teachers or supervisors and school or academic students and enhance their scientific research through arts. The art@CMS program based on global engagement and local networking makes the case for different forms of education that fosters skills that are more appropriate to challenges of the 21st century. The sciARTmasterclass follows modern concepts to quantify the benefits of developing skills such as innovations, creativity and critical thinking.

Experimental Collaboration

CMS CERN

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