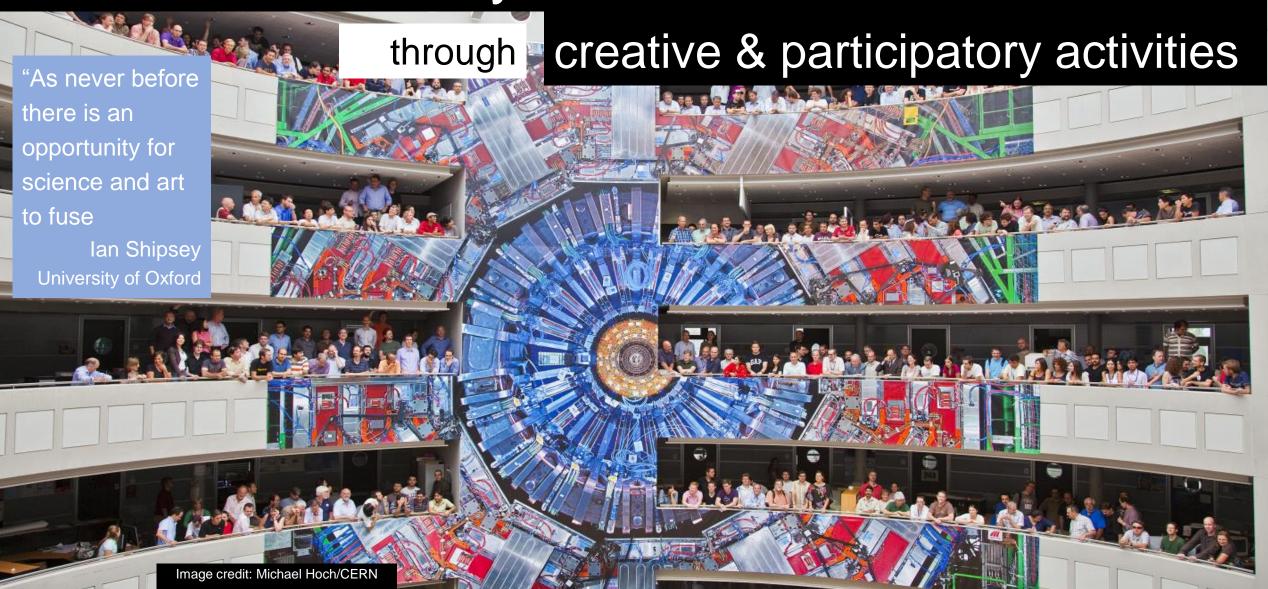


art@CMS sciART exhibitions & workshops

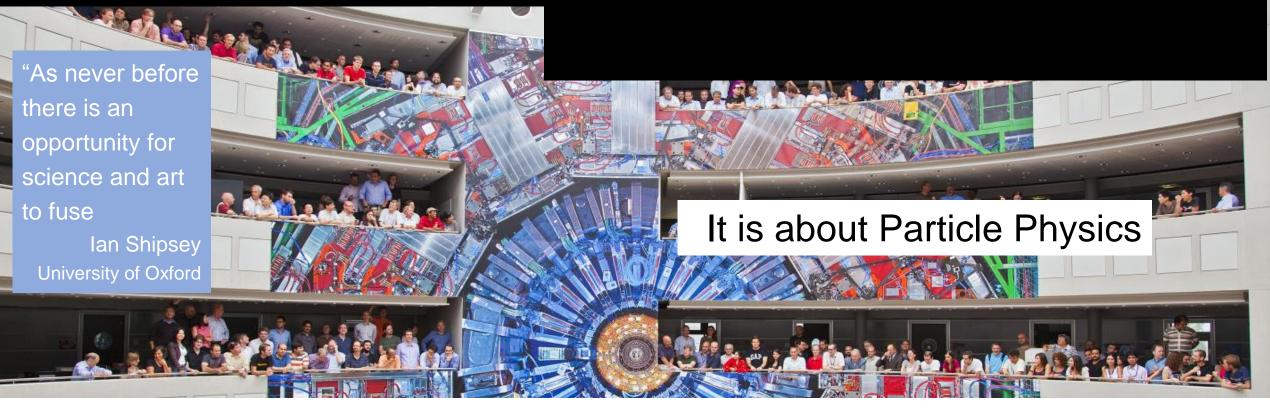
SCCTW2016 – Forth South Caucasus Coputing & Technology Workshop 3rd – 7th October 2016 Tbilisi / Georgia

CMS pious gound paduo 2

reach out to society



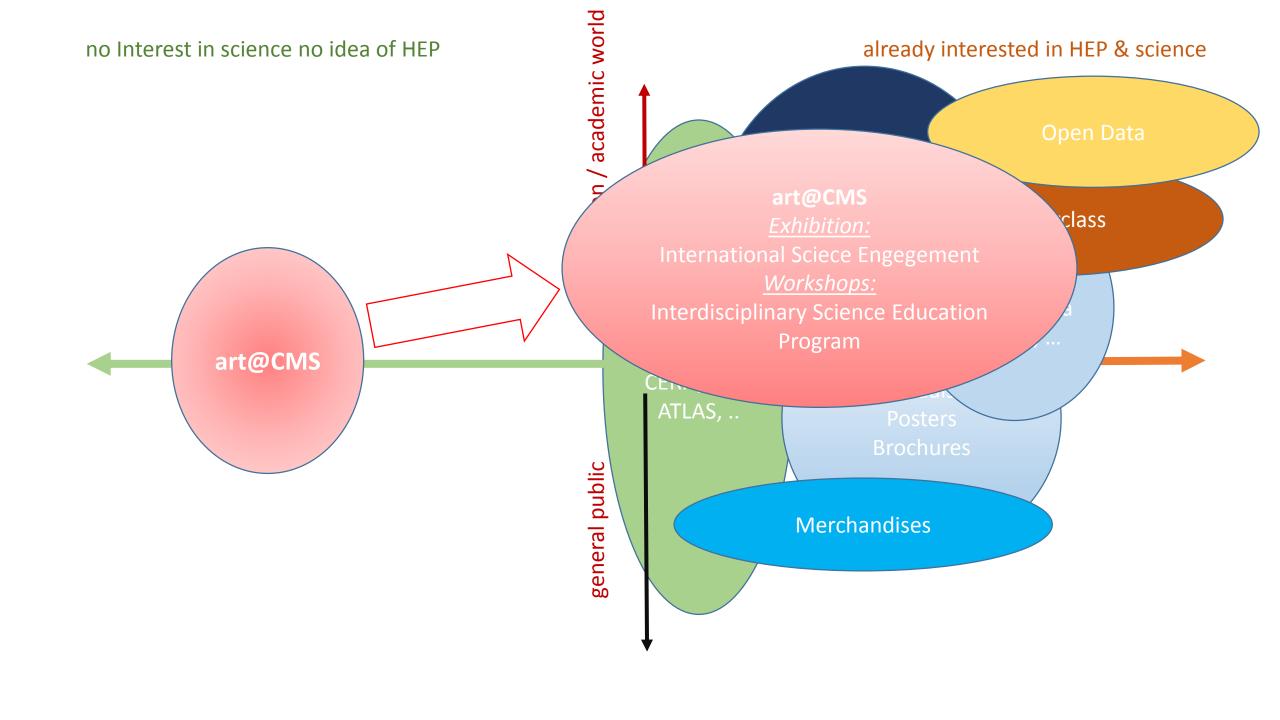
What is it about?



It is about CERN - LHC - CMS - ATALS - ALICE - LHCb and others



Society driven Science Communication Space



What is art@CMS

ISEP -> Interdisciplinary Science Education Program
Inspiring education specialists of different fields to cross disciplinary workshops

ISEP -> International Science Engagement Program

Engagement with non scientific professional to create frame works for communication events

How does it work ISEP International Science Engagement Program

We open the scientific collaboration to non scientific professionals and invite them to participate

Engage artists to work together with our scientists on our topics

Scientist act as scientific tutors or dialogue partners and are responsible the thoughts, processes, and outcome is in line and correct with scientific concepts and results.

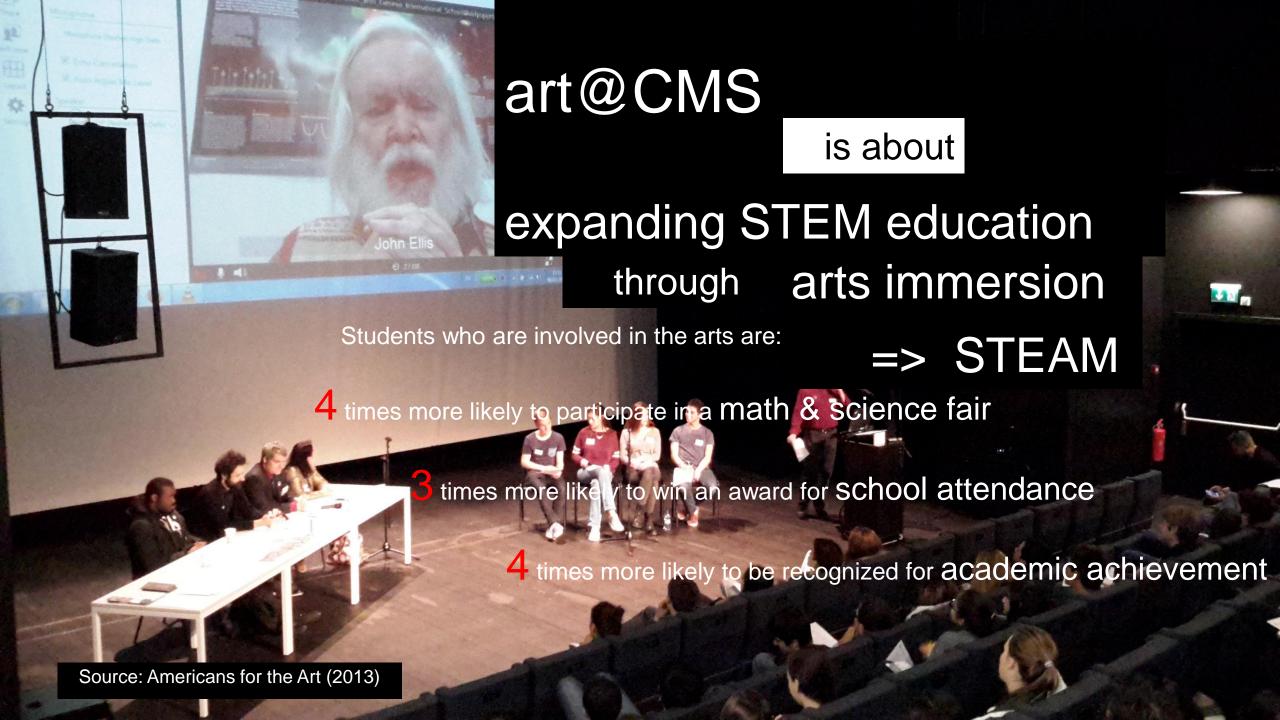
Immediate gain for our community:

New ideas, refreshing concepts, enlarge networks

How does it work ISEP Interdisciplinary Science Education Program

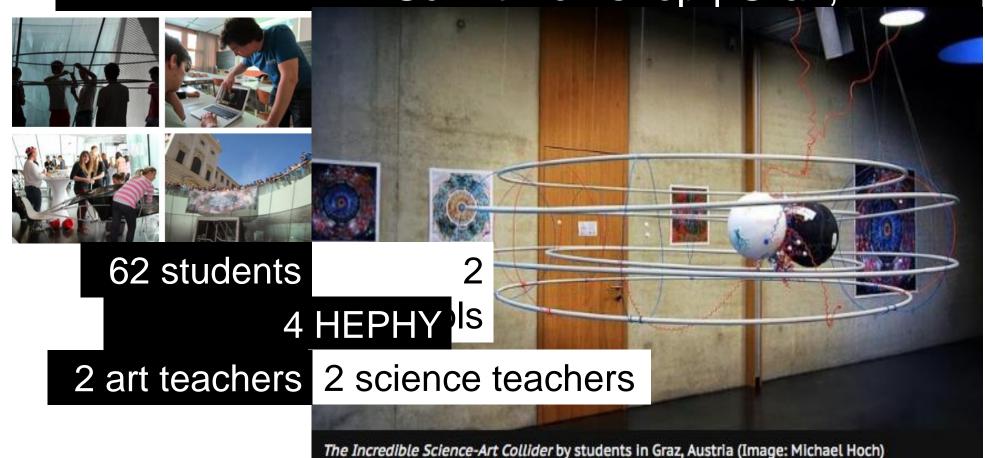
Facilitate 21st century learning approach by cross discipline learning Provide good HEP material and support science teacher If possible get local scientist involved

Immediate gain for our community:
New ideas, refreshing concepts, enlarge networks



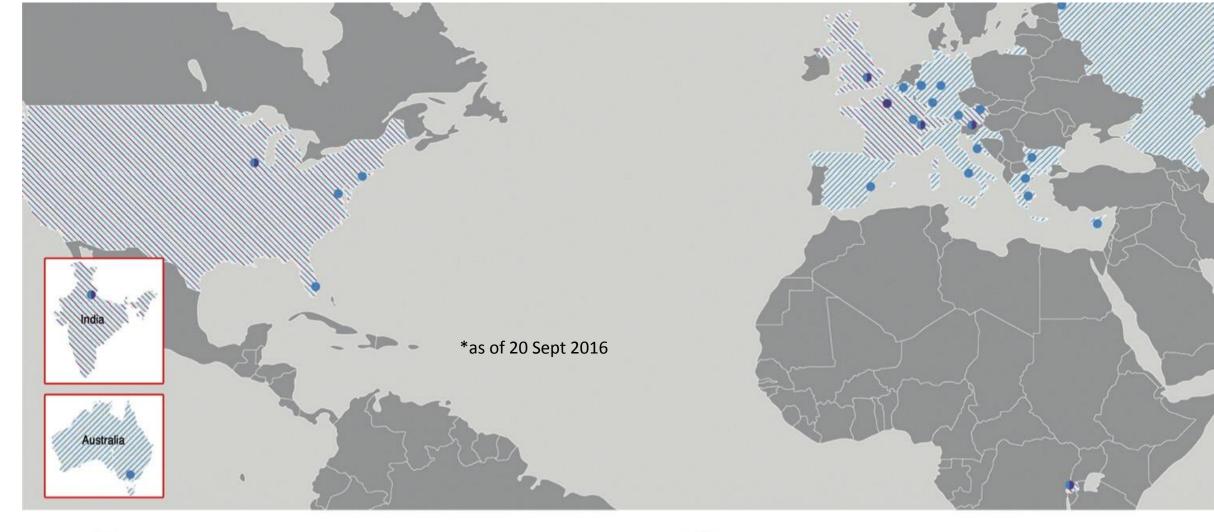


5-7 Jun 2013 1st SciArt workshop | Graz,











art@CMS exhibitions are the outcome of collaboration between artists, art institutes, scientists and CMS institutes and act as catalysts for promoting public interest in and understanding of science.

exhibitions

cities

visitors countries

Countries

Australia, Austria, Belgium, Bulgaria, Croatia, Cyprus, France, Germany, Greece, India, Italy, Russia, Rwanda, Spain, Switzerland, United Kingdom, United States.



Interdisciplinary in their nature, science & art workshops enable young people to gain a better understanding of science, to be inspired and encouraged, and to develop skills that are critical to the challenges of the 21st century.

workshops

cities

countries

700 students

Countries

Austria, France, India, Rwanda, Switzerland, United Kingdom, United States.

Recent art@CMS projects

ECOLINT LGB Geneva sciART

Oct 2015 – Feb 2016

- ✓ workshop
- ✓ final exhibition
- ✓ Q&A session
- ✓ Final exhibition : March 15th 31st





February 28th – April 10th 2016

- ✓ exhibition,
- ✓ presentation
- ✓ lectures to public and school groups
- ✓ book presentation
- ✓ guided tours







Uni. of Arts London sciART collaboration
(Oct 2015 – April 2016) exhibition April 14th -21

Upcoming collaborations 2016/2017:

- ✓ S. Martins College of Arts London
- ✓ University of Applied Arts Vienna

ATHENS Science Festival, Greece (April 5th - 10th 2016) Vico Equense NAPLES INFN (April 29th - May 8th 2016)

art@CMS vernissage P5 (June 21nd 2016)

Indian Science Event (May 6th + August 2016)

SUSY Melbourne Australia (July 3rd - 10th 2016)

Hands on Universe, Stord Norway (August 15th - 20th 2016)

IMAGES2016 Festival, Switzerland (Sept, 5th – Oct. 3rd 2016)

SBCAST art centre, Santa Barbara US (Sept, 5th – Oct. 3rd 2016)

education Recent art@CMS workshop

GHOU Conference, Stord, Norway

Aug 22nd - 27th, 2016

- ✓ art@CMS exhibition
- ✓ Presentations
- ✓ Guided tours for students & general public
- ✓ SciArt workshops





Impact, SBCAST, Santa Barbara, USA

Sep 2nd - Oct 3rd, 2016

✓ New art@CMS artist Kathy Kissik's exhibition



OUR TOWN





Playing with Protons

A pilot PD course for Greek primary school teachers

August 17th - 22nd, CERN

Participants will:

- Create impact by:
- get familiar with the unique CERN culture of cutting-edge science, technology and innovation
- get inspired and motivated to share their newly acquired knowledge and experience with their pupils and peers
- design learning activities, especially hands-on experiments in the classroom, customized to their pupils' needs
- develop educational methodologies and resources that will enhance the standard curriculum

- instilling a culture of collaboration and participation among educators and pupils, especially in remote and underprivileged areas
- developing a digital platform for sharing ideas, advice and resources
- creating a network of science ambassadors who will act as leaders and inspirators in their local communities
- serving as a blueprint for future science education initiatives

Participants



Five-day Programme



Playing with Protons

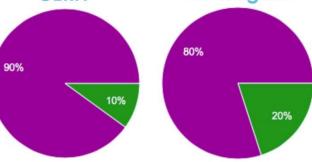
Evaluation

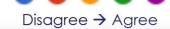


Useful

100%









Tbilisi – Georgia art@CMS education inspiration



Small art@CMS and detector photo exhibition ready to be presented at the Teacher House and else where to be used by our scientists as frame work to inspire teacher and students to pick up HEP topic locally

Enhance it with talks, discussions, physics posters

Videos:

School Work Shop with ECOLINT / Geneva / Switzerland https://www.youtube.com/watch?v=yTqDm0Yp04E







art@CMS exhibition in an art space https://www.youtube.com/watch?v=VMSRgoktAK0



art@CMS presentation Science Festival https://www.youtube.com/watch?v=tT8MHsCaYks



Conclusions & Prospects

art@CMS is a perfect communication & education program to:

- Network different communities internationally
- Inspiring and engage diversity of professionals with HEP but also Science in general
- Inspire educative structures like schools and art universities







Web page:

https://artcms.web.cern.ch/

CREATIONS:

http://creations-project.eu/

Summary document:

http://mhoch.web.cern.ch/mhoch/Art@CMS/Art@CMSprojects.pdf