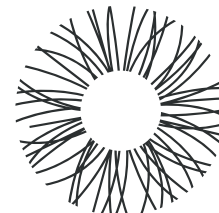
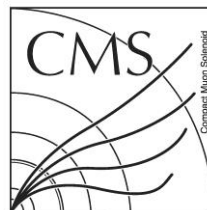


connecting science & society

th creative education & outreach

Angelos Alexopoulos | CERN
{on behalf of art@CMS team}



art@CMS
art of science
beauty in creation

creativity

is the

process of applied imagination

Sir Ken Robinson

“An essential first thing in being creative yourself is to question your own way of looking at things”



Image credit: Bob Krist/CORBIS

Source: [The](#)

reach out to society

through

creative & participatory

activities



“As never before
there is an
opportunity for
science and art
to fuse”

Ian Shipsey
University of Oxford

Image credit: Michael
Hoch/CERN



art@CMS

is about

expanding STEM education

through

arts immersion

Students who are involved in the arts are:

4 times more likely to participate in a math & science fair

3 times more likely to win an award for school attendance

4 times more likely to be recognized for academic

achievement

Source: Americans for the Arts

(2012)

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



62 students

2

4 HEPHYls

2 art teachers

2 science teachers

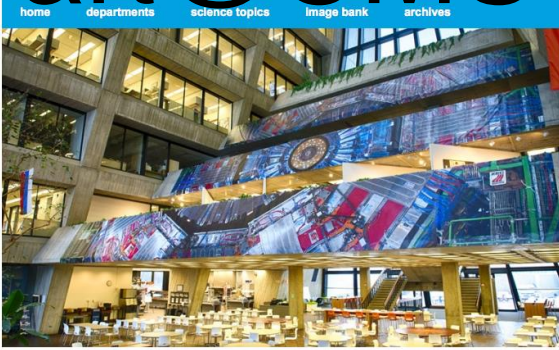


The Incredible Science-Art Collider by students In Graz, Austria (Image: Michael Hoch)

E&O activities 2012-15

*as of 15 July 2015

summary
art@CMS



feature
April 16, 2015
Seeing the CMS experiment with new eyes
The wonders of particle physics serve as a springboard for a community-building arts initiative at Fermilab.

Photo by Reider Hahn, Fermilab



art@cms
exhibitions

33
exhibitions

20
cities

12
countries

103k
visitors

science&art
workshops

10
workshops

6
cities

6
countries

320
students

art@CMS wouldn't be possible without



Michael HOCH
HEPHY/CERN

Angelos ALEXOPOULOS
CERN

Achille PETRILLI
CERN

Mick STORR
U of Birmingham/CERN

Michael Hoch
Faces of CMS,
2011

Digital print
8m x 3m