

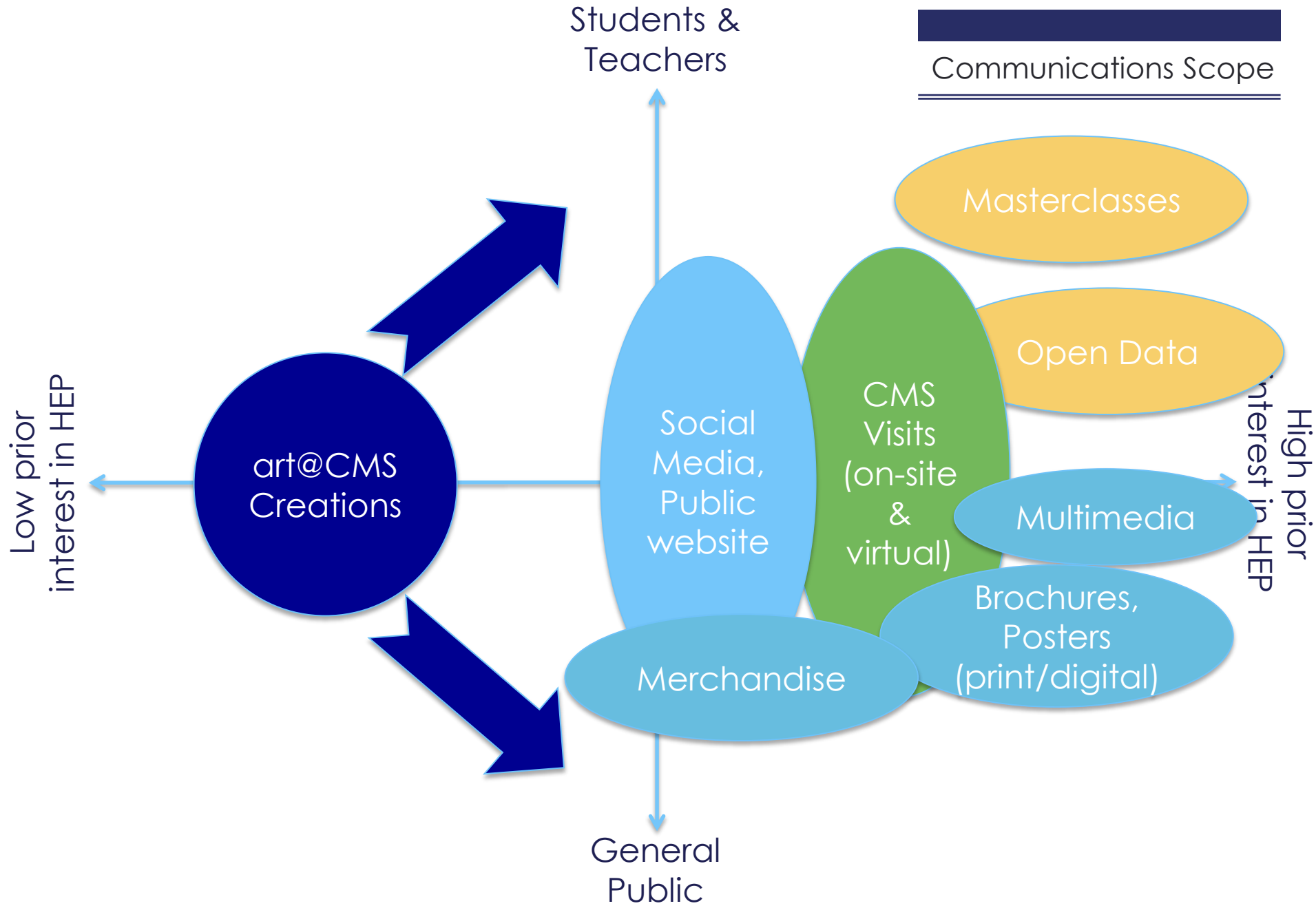
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# CMS Communications and art@CMS

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LHC Days in Split, September 2016

Achille Petrilli on behalf of the CMS Collaboration





HOME

NEWS

ABOUT

EVENTS

RESOURCES

PARTNERS

CONTACT

LOG IN



# 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

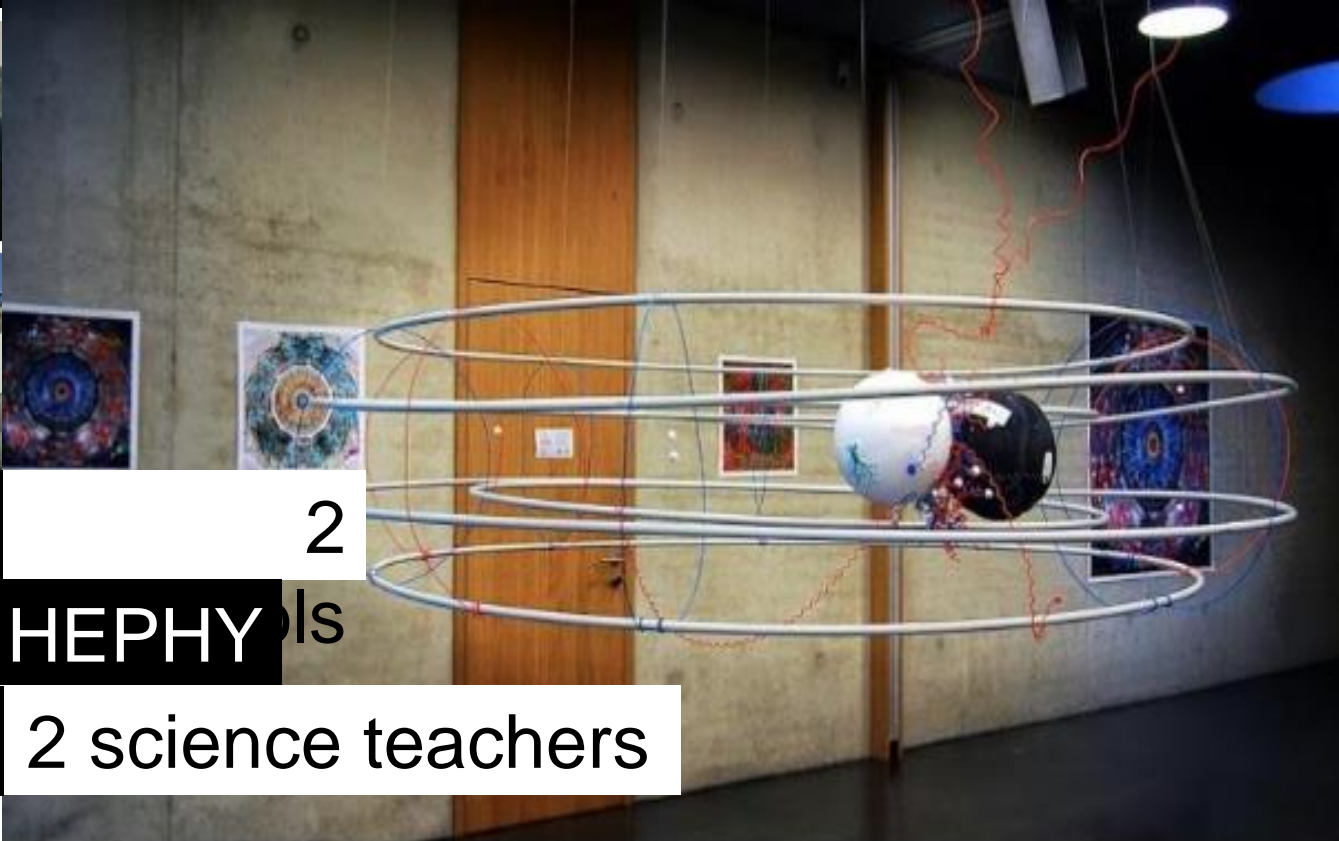
**4** times more likely to be recognized for academic

achievement

Source: Americans for the Arts

(2012)

5-7 Jun 2013 1<sup>st</sup> SciArt workshop | Graz,



62 students

2

4 HEPHYs

2 art teachers

2 science teachers

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

## ECOLINT LGB Geneva sciART

Oct 2015 – Feb 2016

- ✓ workshop
- ✓ final exhibition
- ✓ Q&A session
- ✓ Final exhibition :  
March 15<sup>th</sup> – 31<sup>st</sup>



## Cite du Temps Geneva Switzerland

February 28<sup>th</sup> – April 10<sup>th</sup> 2016

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





<http://www.athens-science-festival.gr/en>

## ATHENS Science Festival, Greece (April 5<sup>th</sup> - 10<sup>th</sup> 2016)

- ✓ Number of visitors 31 000 total / 7300 school students
- ✓ The Gift of Mass: An interactive multimedia installation
- ✓ "CERN: "Accelerator" of life?"
- ✓ 10<sup>Λ</sup>-22 sec: An interactive dance performances
- ✓ CREATIONS "Learning Science through Arts" workshop
- ✓ John Ellis closing keynote



## Uni. of Arts London sciART collaboration (Oct 2015 – April 2016)

- ✓ Collaboration with the UAL – Chelsea College of Arts
- ✓ Final exhibition : "Shifting Territories"  
April 14<sup>th</sup> – 21<sup>st</sup>



# Recent and future events

## Vico Equense NAPLES INFN art@CMS exhibition

April 29<sup>th</sup> - May 8<sup>th</sup> 2016

## US Science Festival (<http://www.usasciencefestival.org/>)

April 16<sup>th</sup> - 17<sup>th</sup> 2016

## Indian Science Event

May 6<sup>th</sup> 2016

## DUBNA JINR 60 years

April – June 2016

exhibition “Art of Science / Beauty in Creation”

## CREATIONS Project

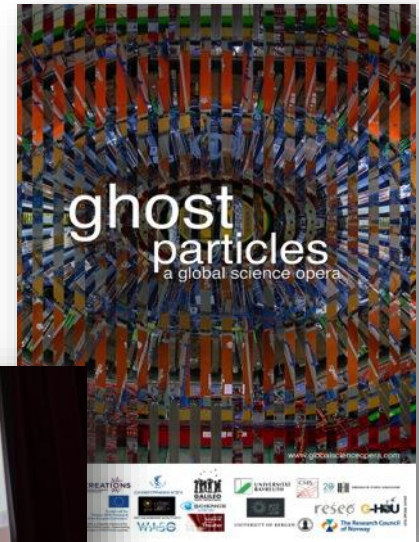
CREATIONS Summer School, Athens, 3-8 Jul

(<http://creations.ea.gr>)

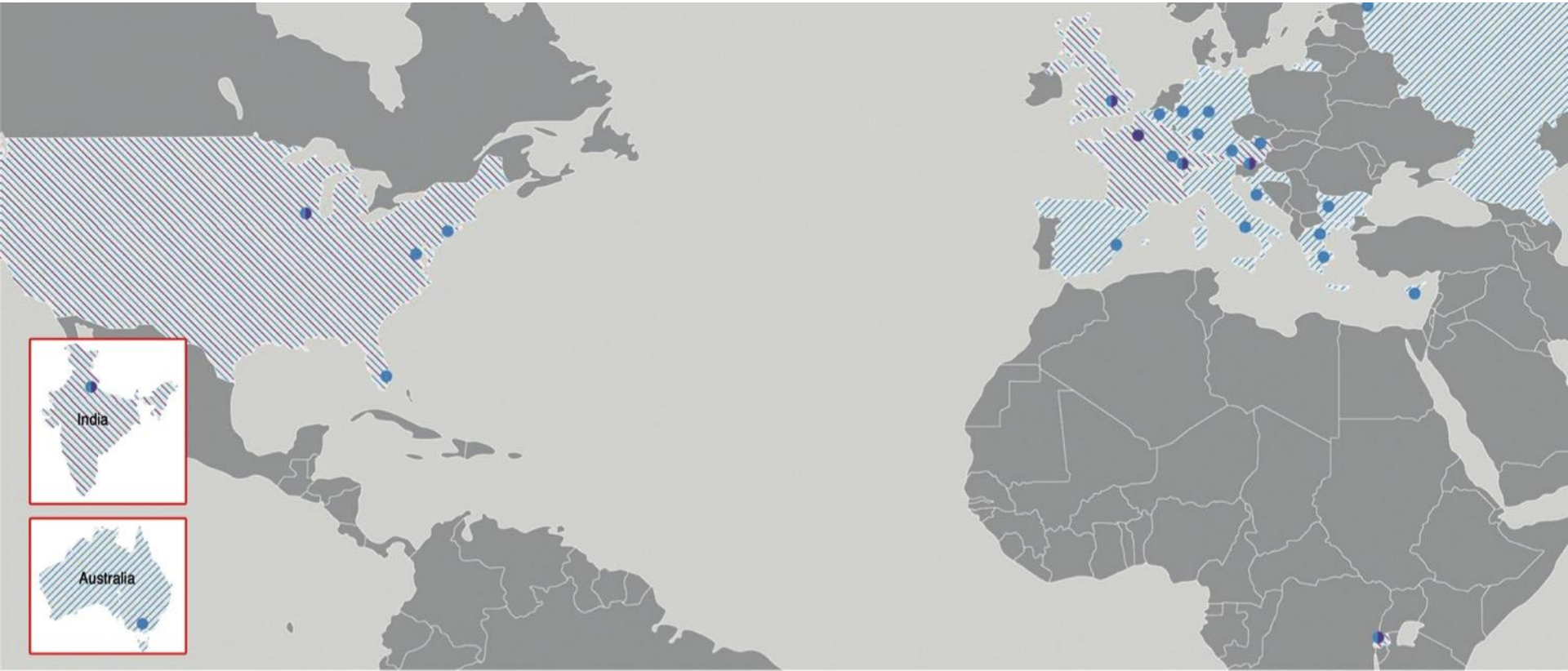
Playing with Protons course, CERN, 17-22 Aug

art@CMS exhibition, Stord, 22-27 Aug

Ghost Particles Science Opera, 19 Nov



\*as of 20 Sept 2016



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.

**42** exhibitions  
**25** cities  
**17** countries  
**145k** visitors

**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.

**13** workshops  
**7** cities  
**7** countries  
**700** students

**Countries**

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

# “CMS The Art of Science” Book



## PRESS COVERAGE

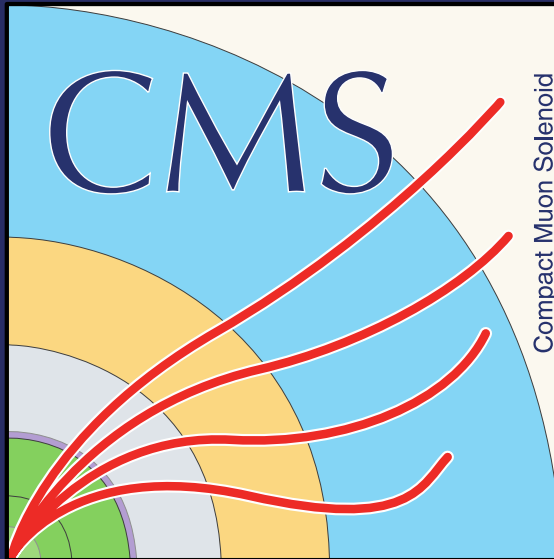
[SPIEGEL online](#)  
[GOSSEE creative news services](#)  
[WhiteWall Magazin](#)  
[PROFIFoto.de](#)  
[CERN Bulletin](#)  
[CMS web page](#)  
[Magazin ESCAPADA.CH](#)

Available at the CERN library / viewing CMS secretariat

# An example of Art@CMS

Scientist and Artist collaboration

CMS Art of Science book



Thank you!