

ORIGIN

cross-disciplinary science education

engagement & networking





ORIGIN

Supported by

ATLAS, ALICE, CMS, LHCb,

LIGO, VIRGI, ICEcube, DUNE

Muography, Perimeter Institute,

Canadian Light Source, and other

international partners

Particle Physics

Astrophysics

Gravitational Waves

Neutrino-Physics

Muography

Accelerator

Technology

Methology develped & disseminated since 2012

By CMS collaboration via art@CMS

Global Cross Disciplilnary science engagement & networking program



ORIGIN program Mission



Interdisciplinary science engagement & networking

Help our science community to reach out to **especially school students**, general public and policy makers to relate and engage actively with various science topic via the arts or creative involvement.

"Arts as a tool to engage actively –

Empower them to own the topic and allow them to contribute"

Scientific Methodology triggers Critical Thinking

Art fosters Creative Thinking



ORIGIN: What We Do

Exhibitions

The outcome of a dialogue and collaboration between artists, art institutes or communities with our science community. An exhibition or performance will act as catalysts for promoting public interest and understanding of science concepts as well as artistic expressions.

all creative expressions are invited, photo, painting sculpture, music, dance, lyrics, performance

science & art workshops – for graduate and undergraduate students

Interdisciplinary in their nature, SciArt workshops enable young people to gain a better understanding of science in general. Participants get inspired and encouraged to foster their own creativity, linked to scientific methodology. Critical thinking is key to cope with the challenges of the 21st century.

science learning (masterclass) followed by philosophic discussion and creative art production

The **exhibition** serves always as **framework to support** activities like: presentations, round table discussions, science and creative workshops, meet real artist or scientists,

our Scientist and our collaborating professional artists act as authentic role models for students



sciARTmasterclass Science&Art@School Cultural Collisions

3 models for different implementation scenarios © місhael нось

- 1) sciARTmasterclass short engagement scenarios e.g. science festivals
 - 2) Science&Art@School authentic school student engagement & inspiration
 - 3) Cultural Collisions full cross disciplinary science engagement inspiration & research







art@CMS/ORIGIN action Summary 2019 - Outlook 2020:

January 2019

Applied Arts University Vienna/AUT, CERN working visit 5 days Central Saint Martin's London/UK, CERN working visit 5 days Submission COST project and Western Balkan Funds

February 2019

KASK – Ghent/ Belgium CERN working visit 5 days EU project CREATIONS final presentation in Germany

March 2019

E.A. School CERN inspiration visit Science&Art@School

April 2019

Estonian Teachers visit science&art@school training 5 days

IBS cultural centre Exhibiton Daejeon/ Korea Opening 24th April - 31st July **Director General Landesmuseum Zuerich**/ CERN visit for future collaboration **JRC director** CERN visit – networking and collaboration with art@CMS

May 2019

Balloon Museum Chat Chateau d'Oex/ Switzerland Open 4^{th} May — March 2020 Kunsthaus Vienna/ Austria exhibition 25^{th} May

June 2019

Cultural Collisions final exhibition Vienna/ Austria Suratomic desire – GLOBE and CMS party concert July 2019

EPS conference – HARBINGER and ORIGIN POETICS exhibitions Ghent/ Belgium September 2019

ORIGIN Exhibition, cultural collisions Vienna/ Austria
CERN open Day CERN P5 ORIGIN exhibition – Cessy/ France
Suratomica – artist working CERN visit 15 days – Bogota/ Columbia

October 2019

Montenegro Science Festival – science & art @ School workshops

JRC – Resonance III festival – present formats S&A@school, Cultural Collisions

November 2019

Oman science Festival – install exhibition, Cultural Collisions workshops Bulgarian ScienceWeek – 20Years BLG CERN member ship anniversary

Action & OUTLOOK 2020

January 2020

Czech artist visit to CERN

JRC resonancy symposium BOZAR Brussel/ BE
Central Saint Martin's College of Arts London/ UK
CulturalCollisionsPrague, Prague/ CZ

February

Balloon Festival Chateau d'Oex / CH Final art exhibition CulturalCollisions Vienna/ AT

March

Summer semester CC Vienna workshop, Vienna /AT

All action scheduled from mid March onwards are postponed to later date

March exhibition in Seoul/ Korea

April - Suratomica Bogota/ Columbia

May – JRC, European School Varese/ Italy

and many other ongoing projects



- different formats
- dissemination on various continents
- **c**ollaborations
 - Governmental institutions (e.g. ministry of science or ministry of education)
 - large state museums or galleries
 - education institutions (e.g. city school council)

sciARTmasterclass

one day event e.g. science festival or science day,...





me: _____ Godine:







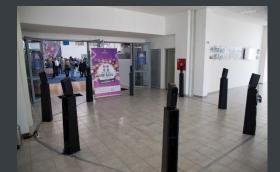
Students participating in the ScienceFlashMop,

CMS Junior Scientist Program -> Booklet

art@CMS interdisciplinary Exhibition with: real detector & accelerator equipment, art works, creative corners, lectures and detector workshops as well as sciART workshops.

Montenegro 2017: https://www.youtube.com/watch?v=9vflW-Pf7vg
Athens 2015: https://www.youtube.com/watch?v=tT8MHsCaYks









Science&Art@School



supporting school curriculum or after school activity

Graz/ AT 2012, 2013, 2014





Best National dissemination: Science & Art across Italy https://web.infn.it/artandscience/index.php/en/ 2016 - 2017 - 2018,



Cultural Collisions

© Michael Hoch







Venue: Ontario Science Centre, OSC

First exhibition April 9th – 15th 2018 student research and inspiration

Second exhibition: May 29th – June 3rd at OSC: students art-works presentation

A formal evaluation by the Ministry of Education

Organization: creation of ORIGIN

Toronto Ministry of Education: general and education organization,

evaluation

art@CMS: Exhibition curation ORIGIN: Scientific curation

art@CMS, ATLAS, CLS, CMS, LIGO/VIRGO, Muography, Perimeter Institute

More institutions are interested to join: TRIUMF, Snowlab







Cultural Collisions Canada — week schedule



| | | | | | Name of the last | | | | | | | | | | | | | | - Ma |
|------------------|---|--|--|--|---|--|--|--|--------------------------------|--|--|---|--|--|--|--|--|--|---|
| Cultural Co | Ilisions Project with Origin - Maximum n | umber of students | | | commodate worksho | ps - Exhibit can al | | | | | | | | _ | | | | | |
| | econdaire Toronto Ouest, University of Toronto Schools (6 Grade 11 students) + OSC invitations francophol | | | | | F-SI-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S | | 1 avril 2018 | 1 + F : | 0.5 | The second second second | April 12, 2018 | 0.40) 01:54-7 | Friday April 13, 2018 | | | | Saturday April 14, 2018 | Sunday April 15, 2018 |
| | | | | | | Ecole secondaire Toronto Ouest (61 étudiants - 10e et 11e année) - École francophone | | | | University of Toronto Schools (95 students - Grade 8, 10) - Shifted schedule 30 minutes later - Start time is 9:30 am this day only! | | | | Open for Ontario Science Centre Invitations to Participate - York Region Schools | | | | Open to the public - Open at 10 am | Open to the public - Open at 10 am |
| 9:00 AM | | 20 Minute Talk: Karola Dette, University of Toronto - From Particle Physics to Astrophysics | | | | | | | | s 20 Minute Talk: Karola Dette, University of Toronto - From Particle Physics to Astrophysics | | | | 20 Minute Talk: Karola Dette, University of Toronto - From Particle Physics to Astrophysics | | | | | |
| | | Norkshop 1A | Workshop 1B | Workshop 1C | Workshop 1D | Atelier 1A | Atelier 1B | Atelier 1C | Atelier 1D | | Workshop 1B | Workshop 1C | Workshop 1D | Workshop 1A | Workshop 1B | Workshop 1C | Workshop 1D | Exhibit are activities will be available for the public | Exhibit area activities will be available for the |
| 9:30 AM | | | | | 0.15010.0000000000000000000000000000000 | | | | 0.00-0000 | | | | | | | | | | public |
| 9:45 AM | Opening Event (9:30 - 10:00) - Richard | | Section 1 - December 1 - December 1 | 9:30 - 10:30 am | 9:30 - 10:30 am | 9:30 - 10:30 am | | 9:30 - 10:30 am | | Educated Citizans Industrial | 9:30 - 10:30 am | AND DESCRIPTION OF THE PERSON | | Dutch in SISS SHORE and a second | 9:30 - 10:30 am | - Control of the Cont | 9:30 - 10:30 am | | |
| 1100000001001010 | | Mhat keeps us stuck to the Earth? (EN) | (EN) | Particle Surprise in a Cloud Chamber (EN/FR) | Celestial Luminescence | Qu'est-ce qui nous garde les pieds sur Terre? / What keeps us stuck to the | Jouer avec les données (EN/FR) | Surprise de particules dans une chambre à nuages (EN/FR) | Celestial Luminescence | What keeps us stuck to the Earth? (EN) | Playing with Data (EN) | a Cloud Chamber (EN/FR) | | What keeps us stuck to the Earth? (EN) | (EN) | Particle Surprise in a Cloud Chamber (EN/FR) | | People to be within the exhibit area to support the programming | People to be within the exhibit area to support the programming |
| 10:00 AM | | | | | | Earth?(EN) | | Anne de la companya d | | | | | | | | | | | |
| 10:15 AM | Science Flash Mob (10:00 - 10:45) | Perimeter Institute | CMS - CERN, University of Notre Dame | ATLAS, CMS, CERN | York University | Institut Périmètre | CMS - CERN, University of Notre Dame | ATLAS, CMS, CERN | York University | Perimeter Institute | CMS - CERN, University of Notre Dame | ATLAS, CMS, CERN | York University | Perimeter Institute | CMS - CERN, University of Notre Dame | CMS - CERN | York University | Open till 8:00 pm | Open till 6:00 pm |
| | | Kelly Foyle and Kevin Donkers | Tom McCauley | Michael Hoch | | Nathan Chow | Tom McCauley | Michael Hoch | Robin Kingsburgh | Damian Pope | Tom McCauley | Michael Hoch | Robin Kingsburgh | Michalopoulos | Tom McCauley | Michael Hoch | Robin Kingsburgh | | With the second |
| | | 30 students | 30 students | 30 students | 15-20 students | 30 étudiants | 30 étudiants | 30 étudiants | 15-20 étudiants | 30 students | 30 students | 30 students | 15-20 students | 30 students | 30 students | 30 students | 15-20 students | Pop up Public Talks | Pop up Public Talks |
| 10:30 AM | | RPS Hall | Room: Workshop 4 | | Exhibit area | Salle avec des tables -RPS Hall | | Salle: Ecosystems Lab | Aire d'exposition | RPS Hall | Room: Workshop 4 | | Exhibit area | RPS Hall | Worskhop 4 | Ecosystems Lab | Exhibit area | 11 am - 20 Minute Talk: Peter Krieger, University of Toronto - ATLAS / LHC | |
| 10:45 AM | | noles and the Even | t Horizon Telescope | e | r. Kelly Foyle, Black | 10:45 am - Brigitte Tessier, Artiste collaboratrice de la France & Montreal -"QUI DES DEUX INSPIRE L'AUTRE: Le SCIENTIFIQUE ou L'ARTISTE?" | | | | - Hidden Patterns in Physics | | | | od 10:45 am - Talk in Exhibit Area - Peter Krieger | | | | 12:00 pm - 20 minute talk: David Griffin (OCAD University) | |
| 11:00 AM | | Exhibit Area with Scientists and Artists | | | | Aire d'exposition avec les scientifiques et les artistes | | | | Exhibit Area with Scientists and Artists | | | | | | | 1:00 pm - 20 Minute talk: Robin Kingsburgh | 4 | |
| 11:15 AM | Moderated Panel: Meet the Scientists and Artists! (10:45 - 11:15) | | | | | | | | | | | | Exhibit Area with Scientists and Artists | | | | | | |
| Lunch | 11:15 am - 12:00 pm | 11:30 am - 12:15 pm | | | | 11:30 am - 12:15 pm | | | | 11:30 am - 12:15 pm | | | | 11:30 am - 12:1 | 5 pm | | | 3 pm - 20 minute Talk: Consensus Science Ra | р |
| 12:00 PM | | 12:15 pm - Talk in Exhibit Area - Michael Hoch or Robin | | | | 12:15 pm - Talk in Exhibit Area - Peter Krieger | | | | 12:15 pm - Talk in Exhibit Area - Peter Krieger | | | | 12:15 pm - Talk in Exhibit Area - consensus | | | | Volunteers Coming: | Volunteers Coming: |
| 12:15 PM | | Norkshop 2A | Workshop 2B | Workshop 2C | Workshop 2D | Atelier 2A | Atelier 2B | Atelier 2C | Atelier 2D | Workshop 2A | Workshop 2B | Workshop 2C | Workshop 2C | Workshop 2A | Workshop 2B | Workshop 2C | Workshop 2C | Peter Krieger (ATLAS Canada, Professor, U of | T Peter Krieger (ATLAS Canada, Professor, |
| 12:30 PM | | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | 12:45 - 1:45 pm | Michael Hoch CMS | Michael Hoch CMS |
| 12:45 PM | | Listening to Einstein's Universe (EN/FR) | Playing with Data (EN) | Accelerating Colours (EN/FR) | Science through Rap | Écouter l'univers d'Einstein (EN/FR) | Des données créatives au son (EN/FR Maybe) | Accélérer les couleurs (EN/FR) | La science à travers le rap | Listening to Einstein's Universe (EN/FR) | Creative Data to Sound (EN) | Accelerating Colours (EN/FR) | Science through Rap | Listening to Einstein's Universe (EN/FF | Creative Data to Sound (EN) | Accelerating Colours (EN/FR) | Science through Rap | Wen Yi Song (ATLAS Canada, York University | P Bianca Ciungu (ATLAS Canada Toronto M |
| | L (Workshops and Activities in Exhibit | LIGO, University of Glasgow | CMS - CERN, University of Notre Dame | from Montreal | Consensus | | BEER, University of Birmingham | Collaborative Artist from Montreal | Consensus | A STATE OF THE STA | CMS - CERN, University of Notre Dame | CMS - CERN, Collaborative Artist from Montreal working | Consensus | LIGO, University of Glasgow | BEER, University of Birmingham | CMS - CERN, Collaborative Artis from Montreal working in France | | - Control of the cont | |
| 1:00 PM | | | | working in France | | | | working in France | | | | in France | | | | working in France | | Lisa Cole | Lisa Cole |
| | Activities in the exhibit area | Martin Hendry | Tom McCauley | Michael Hoch and Brigitte Tessier | Antoine Gittens-Jackson | Martin Hendry | Scott Wilson | Michael Hoch | Antoine Gittens-Jackson | Carl-Johan Haster | Tom McCauley | Michael Hoch | Antoine Gittens-Jackson | Heather Fong | Scott Wilson | Michael Hoch | Antoine Gittens-Jackson | Consensus | Vincent Pascuzzi (ATLAS Canada Toronto |
| 1:30 PM | Prompts? | 30 students | 30 students | 20 students | 20 students | 30 étudiants | 30 étudiants | 20 étudiants | 20 étudiants | 30 students | 30 students | 20 students | 20 students | 30 students | 30 students | 20 studnets | 20 students | Brigitte Tessier | 2 |
| 1:45 PM | interaction with staff, scientists in the staff | Room: RPS Hall | Dry Lab | Exhibit Area | Room: Studio 3 | RPS Hall | Workshop 4 | Aire d'exposition | Salle : Dry Lab | Room RPS Hall | Worshop 4 | Exhibit Area | Room: Studio 3 | Room: RPS Hall | Workshop 4 | Exhibit area | Dry Lab | Bianca Ciungu (ATLAS Candada MSc Student, | , Toronto) |
| | Artists present in exhibit area | Activities in Exhibit | Area with Q & A | | | Activités dans l'a | ire d'exposition (que | stions et réponses |) | Activities in Exh | nibit Area with Q 8 | A | | Activities in Ex | hibit Area with Q & | A | | | V (10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 |
| 2:15 PM | | | | | | | | | | | | | | | | | | | |
| 2:30 PM | | Departure at 2:30 pm | | | | Départ à 2:30 pm | | | | Departure at 2:3 | | | | 100 Miles and 10 | Departure at 2:30 pm Open till 6:00 pm | | | | |
| | | Open till 6:00 pm | | | | Ouvert jusqu'à 6: | 1002-00-01 | | | Open till 6:00 pr | Open till 6:00 pm | | | | m | | | | |
| | | | | | | Evening Talk - 7:0 | 0 pm | | | | | | | | | | | | |

IBS cultural centre, Daejong / Korea April 24th - July 26th 2019 "CMS@CERN the art of science"

Cross disciplinary exhibition, science talks, round table discussions, science cafes, Walk through the exhibition: https://www.youtube.com/watch?v=817V6pY0Iml

신을 쫓는기계











IBS cultural centre, Daejong / Korea April 24th – July 26th 2019





"Art&Science" Balloon Museum Chateau d'Oex/ CH

April 2019 – March 2020 by **art@CMS/ ORIGIN**In collaboration with University Bern, University Fribourg, CHIP, HFSJG

Cross disciplinary exhibition on Cosmic Ray Discovery with Balloons, lectures, Junior Scientist booklet, various science & creative lecutre and workshops during Balloon Festival January 25th – February 1st 2020

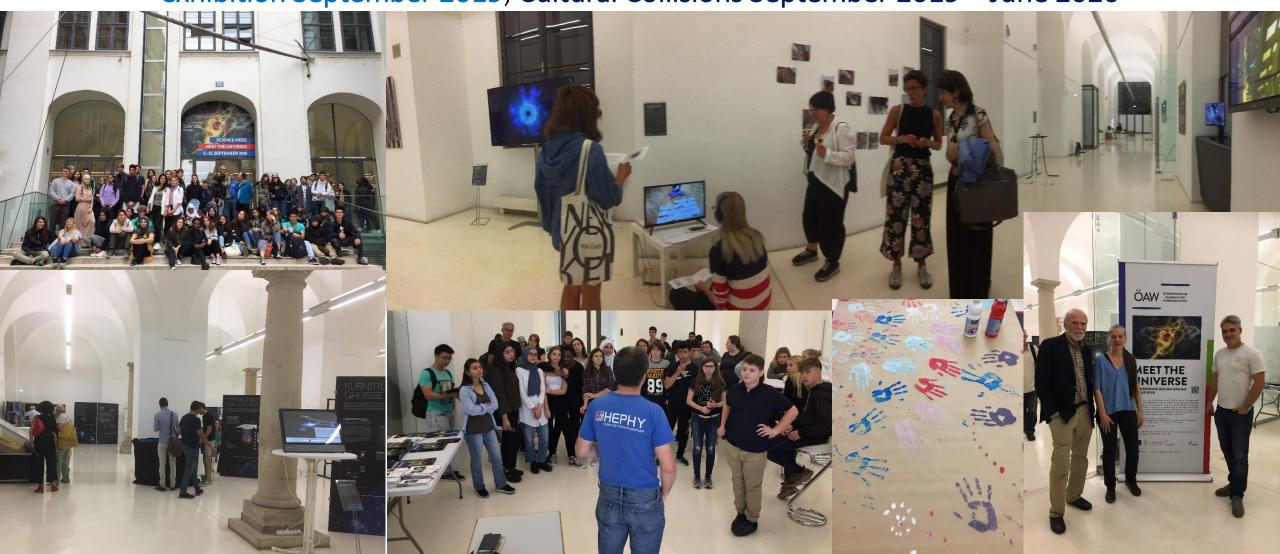




"Meet the Universe" - Cultural Collisions Vienna / Austria

by HEPHY Institute OeAW & ORIGIN;

science & art exhibition [Univ. Applied Arts Vienna], cross disciplinary workshops for schools exhibition September 2019; Cultural Collisions September 2019 – June 2020









Cooperation with the Ministry of Education Oman Oman Science Festival 2019

Contact with the Education Ministry and Geneva Mission since 2015

2017, Invitation to the Oman Science Festival – Michael Hoch to give a keynote presentation at the opening about interdisciplinary science education.



Oman Science Festival 2019

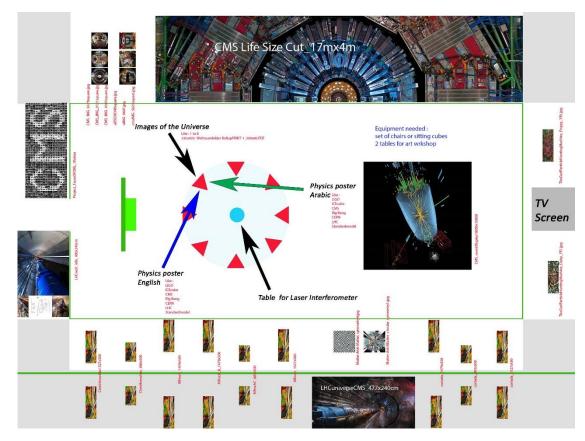
- M. Hoch received an Invitation to present an exhibition of the style IBS cultural center Daejon/ Korea 2019 https://www.youtube.com/watch?v=817V6pY0ImI&t=241s
- Educational program: lectures and workshops on science & art

Target audience:

- 1) high school teacher
- 2) high school students
- 3) primary school students
- Introduce "Cultural Collisions" format, style Ontario Science Centre Toronto/ Canada 2018 for a project in Oman 2021

https://www.youtube.com/watch?v=4Hkrr1mCz7o





art@CMS Korea-> ORIGIN Oman [to inspire for big Cultural Collisions event 2021]

- Exhibition venue 210m²
- Topics:
 - particle physics: CERN & ATLAS, ALICE, CMS, LHCb
 - Gravitational waves: LIGO, VIRGO
 - Neutrino physics: ICEcube



Oman Government in the exhibition "Meet the Universe"

Prime Minister

Minister of Education



Prime minister and Minister of Information









Lectures by
Amr Radi & team
Local Scientists,
Particle Physics/ CERN

Martin Hendry LIGO Gravitational waves & Astrophysics

Michael Hoch CMS
Particle Physics /CERN &
Educational Formats







Creative workshops

Science Flash Mob

primary school student lectures

Creative workshops

Science workshop

creative teacher workshop





Particle Physics - masterclass Neutrino Physics - ICEcube

laser Interferometer WS
Creavite Teacher Workshop

Creative Primary School Students
CERN Virtual Visit















17. do 21. rujna 2018.

u vremenu od 10h - 20h

Ulaz slobodan

Cultural Collisions — Split / Croatia by ORIGIN Old City Hall — Sept. 17th -22nd 2018

Exhibition, lectures, round table discussion, workshops;

lavna predavanja i okrugli stol će se održati u palači Milesi, u okviru konferenije "LHC Days in

* Moguće su grupne posjete izložbi za učenike svih uzrasta. Za dogovor se javite emailom na

Workshops: Physics and Music (Arduino Explora), Gravitational waves (Torino interferometer), Playing with data (CMS tool developed for Canada) Next years event:





Cultural Collisions — Split / Croatia by ORIGIN train the trainers

During the main exhibition we trained students from primary and secondary schools to act as lectures for following (see next slides).





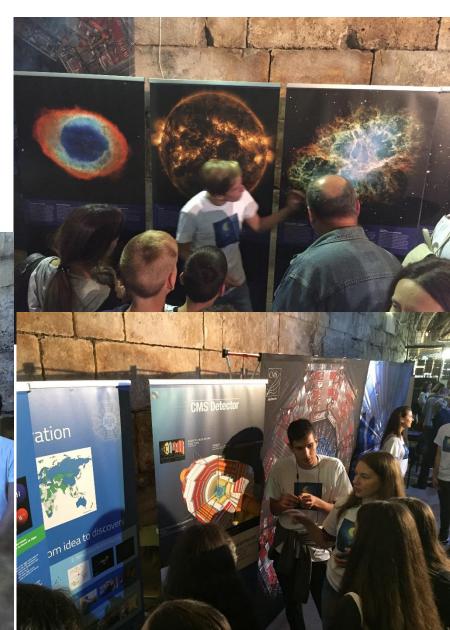
Cultural Collisions — Split / Croatia by ORIGIN

Researchers night – September 28th

Format: students we trained become lecturer to general public and traning other students.

Audience during the researchers night: few thousands citizens





2016: Exhibitions

26th October November December Jan 5th – 21st - Etore Fico Museum, Turin/Italy

24th February Cultural Collisions, CERN Meyrin, Geneva / Switzerland 16th March IndianTour / India April 6th MACT HUB Santa Barbara / US 10th – 24th April ItalianTour / Leonardo da Vinci Museum Milano/ Italy 201 $3^{rd} - 10^{th} May$ RE: Logia - Art/Science / Technology Conference Sofia/ Bulgaria 9th – 13th June NHM school competition show, Vienna / Austria Art@CMS Exhibitions 14th -17th June Four Corners Gallery – Central Saint Martins College of Arts London/ UK 17th – 30th June Weisse Haus University Applied Arts final show / Vienna / Austria 21st – 30th June art@CMS vernissage CERN P5, Cessy / France 1st July Mairie de Thoiry , Thoiry / France $22^{nd} - 30^{th}$ July Palazo del Cinema, ItalianTour/EPS2017 Venice / Italy 1st – 9th August IndianTour / India 29th Sept – 3rd Oct MuoGrapher art Workshop, Tokyo/Japan 9th – 11th October Science Festival, Podgrorica/ Montenegro 14th - 28th October ItalianTour / Padoa / Italy 23rd – 29th October Science Festival OMAN art@Science Workshop Tiblisi/Georgia 6th Nov 2017 – Jan 2018 UAL final show / London / UK IndianTour / India BOZAR Brussels / Belgium artUNIVERSITY Podgorica Montenegro

2018 start ORIGIN Canada, Japan, Croatia, Montenegro, Bosnia, Georgia, UK, Korea, Austria,

Feb 28th – Apr 10th - Cite du Temps, Geneva / Switzerland Mar 24th – Oct 30th JINR Library Dubna / Russia Apr 4th - 10th Athens Science Festival Apr 14th – 21st Triangle Space Chelsea Coll. Arts, London / UK Apr 27th – Jul 31st CERN, Prevessin Site, Bld. 774 – Prevessin / France May 1st – 6th Arte & Scienza – Castello Giusso, Vico Equense / Italy May 6th Physics Conclave, New Delhi/India

Jun 22nd – Aug 5th art@CMS vernissage & exhibition, CERN, CMS site, Cessy / France

Jul 3rd – 6th SUSY conf. – Melbourne / Australia

Aug 22nd - 30th Global Hands on Universe, HSN, Stord / Norway

Sept 2nd – Oct 3rd IMPACT, SBCAST, Santa Barbara / US

Sept 11th – Oct 3rd, IMAGE2016, Ferrary Gallery, Vevey / Switzerland

Sept 19th – 24th, LHCdays Split, Palazzo Milesi, Split / Croatia

Oct 3rd – 9th, SCCTWG – TeacherHouse & University Tbilisi / Georgia

Oct 18th – Aug 2017 Natural History Museum Vienna / Austria

Oct 25th - Nov 2nd, IEEE, Palais de Congres, Strasbourg / France

Oct 24th 2016 – Jun 2017 Landesmuseum fuer Vorgeschichte, Halle (Saale) / Germany

Nov 10 Nehru Planetarium- Cosmic Soup- INDIAN tour Mumbai / India Dec 10th Sambhavana Sci. Festival - INDIAN tour Gurgaon / India

Dec 10th - 11th TeacherDays Conference - TeacherHouse Tbilisi / Georgi

Art@CMS Exhibitions 2015:

Jan 22th – Mar 3rd -WELIOS- Galerie Wimmer, Wels / Austria

Feb 2nd- Apr 23rd Wilson Hall, FERMILAB / USA

Mar 17th – 22nd, Athens Science Festival, Technopolis Museum, Athens / Greece

May 2nd – 31st Art Center South Florida, Miami Beach / US

May 14th – 17th TIF –Helexpo, Thessaloniki's Science Festival / Thessaloniki/ Greece

Jun 24th – Jul 17th – art@CMS vernissage, CERN, CMS site, Cessy / France

Jun 26th – Jul 14th KIT – Karlsruhe / Germany

Jul 19th – 31st EPS2015 conference Vienna / Austria

Aug 31st - Sept 5th LHCP2015 - St. Petersburg / Russia

Sept 15th – 20th, Castel dell Ovo, Naples / Italy

Sept 19th – Oct 1st, l'Origine, C. Cultures Jean Monet, St.Genis / France

Dec 2nd – 5th, Mediterranean Science Festival / Cyprus

Art@CMS Exhibitions 2014:

Feb 20th – Apr 8th Colegium Hungaricum, Vienna / Austria

Mar 21st – Apr 4th WienerWunderKammer, Vienna / Austria

Apr 4th Science Night Vienna CERN 60th Celebration Vienna / Austria

Jun 6th QualysmART Science – Technology – Art, Vienna / Austria

Jun 25th Art@CMS vernissage at CERN P5, Cessy / France

Jul 2nd – 9th, ICHEP2014 Conference Science & Art –Congress Palace, Valencia / Spain

Jul 10th - 30th, S. Francis College, New York / USA

Sept 29th – Oct 5th EPI , Split / Croatia

Oct 13th -30th, CERN 60th Earth&Man Museum, Sofia / Bulgaria

Nov 15th - 21st, Earth&Man Museum, Sofia / Bulgaria

Nov 28th – 31st December, Shoreditch / London / UK

Dec 16th – Jan 8th 2015 Academy Palace, Brussels / Belgium

Art@CMS Exhibitions 2013:

Feb 11th – 15th, VCI Conference, Palais Ferstel, Vienna / Austria

Apr 4th – Jul 10th, Art@CMS opening & exhibition, CERN P5, Cessy / France

Jun 12th – 14th, CMSart Workshop, Joanneum Museum, Graz / Austria

Sept 23rd – 30th, 'Quantum', CERN P5, Cessy / France

Sept 27th – 30th, Art@CMS show, CERN OpenDay, CERN P5, Cessy / France

Oct 28th – Dec 9th, 'Unseen Dimension', CLS, London / UK

Nov 11th – Dec 13th, 'Art of Science- Beauty in Creation', RWTH, Aachen / Germany

Nov 28th, US Higgs Discovery Event, Washington / USA

Nov 15th – Jan 15th 2014, 'Faszination Ursprung', Bonn / Germany

Dec 12th - March 30th 2014 'To See a World', Art@CMS exhibition, CERN P5, Cessy / France

Art@CMS Exhibitions 2012:

Jul 1st – 31st, Science Coffee, Aula der Wissenschaften, Vienna / Austria Dec 10th – 21st, 'Art of Science- Beauty in Creation', CERN Meyrin, Geneva / Switzerland