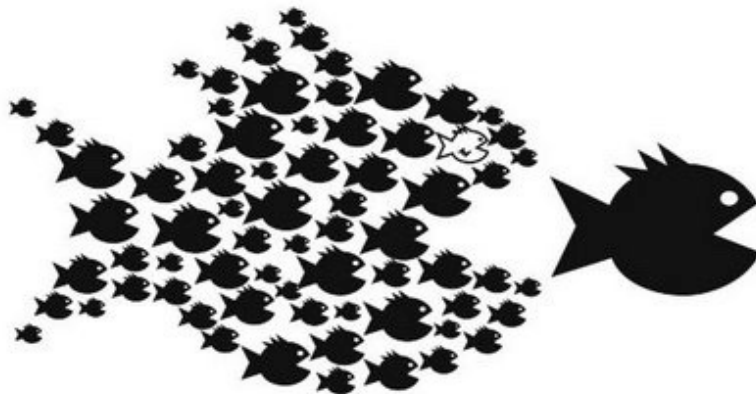
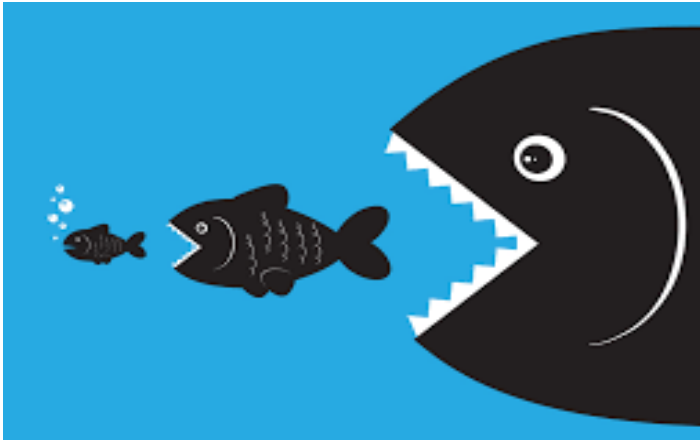


# The ORIGIN network

*A personal snapshot of a “work in progress project”*

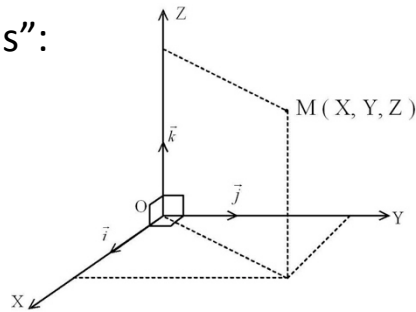


## Key words:

- “Local scientific community”: adapt to requests & tune specific projects to enhance their visibility towards their public.

“3 dimensions”:

Art  
Science  
Education



- Contributors keep their identity and freedom ! e.g.
  - ✓ art@cms stays
  - ✓ ATLAS in a Suitcase stays
  - ✓ Fine-Art Muographer stays
- ORIGIN is an engaging & convening theme. All have something to say about this question... including science !



# Core partners & toolbox



## The ORIGIN network

ORIGIN is a network founded by several high energy physics experiments. Its purpose is to create and support events, exhibitions and outreach activities in the field of STEM education and public engagement.

### ONGOING PROJECTS

- Origin Canada [Spring 2018]
- South East Europe Tour [Fall 2018]
- Exhibit in Georgia [Fall 2018]
- Exhibit in Tokyo [November 2018]

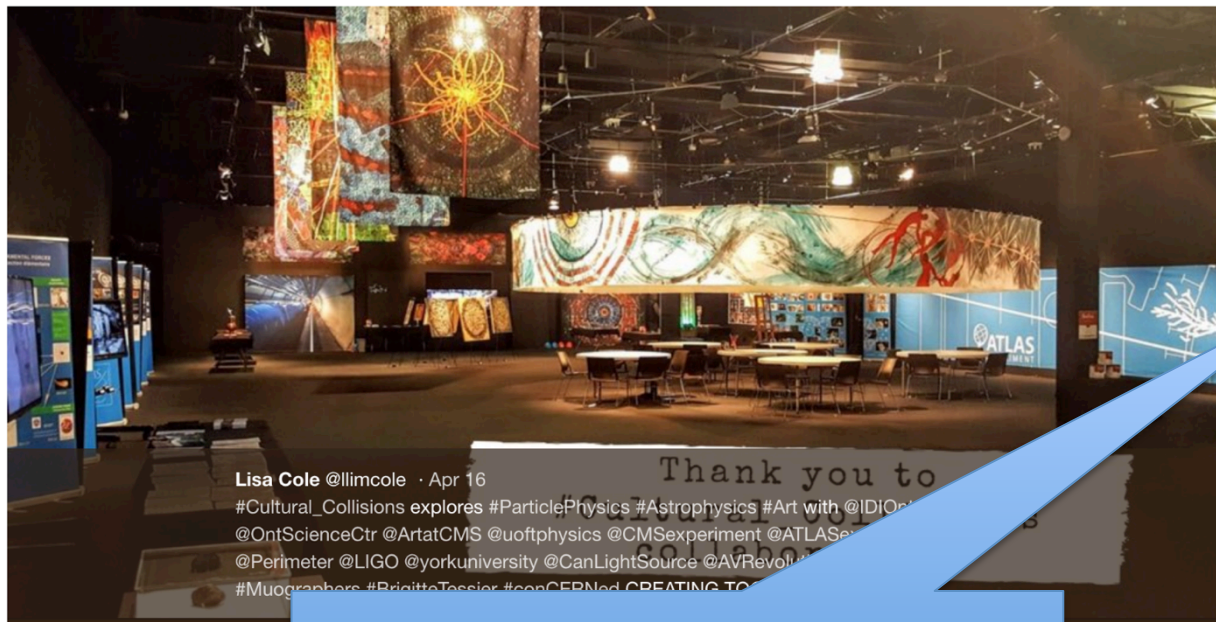
### THE ORIGIN TOOLBOX

- Origin exhibit: objects
- Origin exhibit: posters and banners
- Origin exhibit: art works
- Cultural Collisions: workshops
- Cultural Collisions: resources for schools
- Origin events: VR & web tools



# More join for a specific project

## Origin Canada: "Cultural Collisions" in Toronto



Lisa Cole @lilmcole · Apr 16  
#Cultural\_Collisions explores #ParticlePhysics #Astrophysics #Art with @DIOntario @OntScienceCtr @ArtatCMS @uoftphysics @CMSexperiment @ATLASexperiments @Perimeter @LIGO @yorkuniversity @CanLightSource @AVRevolution #Muographix #BrigitteTeissier #conCERNed CREATING TO

Educational impact evaluation by Ontario ministry of education. ATLAS-Canada involved In next steps (no CMS in Canada)

The first events co-organised

- A video tour of the exhibit
- ATLAS memories: screen
- Students resources [link](#)

01/11/18

Claire Adam

### ONGOING PROJECTS

Origin Canada [Spring 2018]

South East Europe Tour [Fall 2018]

Exhibit in Georgia [Fall 2018]

Exhibit in Tokyo [November 2018]

### ORIGIN CANADA

Organiser: Ontario Ministry of Education

Exhibit curation: art@CMS

Exhibit setup: Ontario Science Center

Partners: ATLAS-Canada, University of Toronto

Partners: Canadian Institute for Theoretical Astrophysics

Partners: Canadian Light source

Partners: Perimeter Institute for Theoretical Physics

Partners: LIGO experiment

Partners: Muographix

Artist: Brigitte Teissier

Artist: Consensus



## South East Europe: educational networking and engagement initiative



A series of events is being organised in South East Europe, following previous "Montenegro Science Festival Exhibition": lectures, discussion, art and science workshops. It will be run for 3 years (2018-2021), with the aim to create a sustainable network which may run interdisciplinary activities on science with art.

### Dates and places for 2018:

- Split / Croatia (17-22 September): exhibition, public lectures and school workshops.
- Cetinje / Montenegro (9-11 October): exhibition, university presentations
- Tirana / Albania (10-12 October): talks & posters
- Sarajevo / Bosnia (15-19 October): exhibition, school workshops
- Imotski / Croatia (27 October): exhibition, school workshops, music concert

### ONGOING PROJECTS

- Origin Canada [Spring 2018]
- South East Europe Tour [Fall 2018]
- Exhibit in Georgia [Fall 2018]
- Exhibit in Tokyo [November 2018]

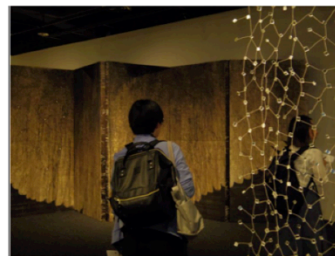
### ORIGIN SOUTH EAST EUROPE

- Croatia Partner: FESB - Split
- Croatia Partner: University of Split
- Croatia Media: direktno portal
- Croatia Media: Croatia.hr
- Croatia Media: Durigat portal
- Report: Plokite primary school
- Report: University of Split

Help CMS colleagues to enhance HEP visibility & engagement in "South East Europe" (no ATLAS in Croatia)

Invitation by Muographer, University of Tokyo. Connection with ATLAS-Japan and ALICE-Japan scientists is in progress (no CMS in Japan)

## ORIGIN in Tokyo



Kenzaburo Okamura



Michael Hoch

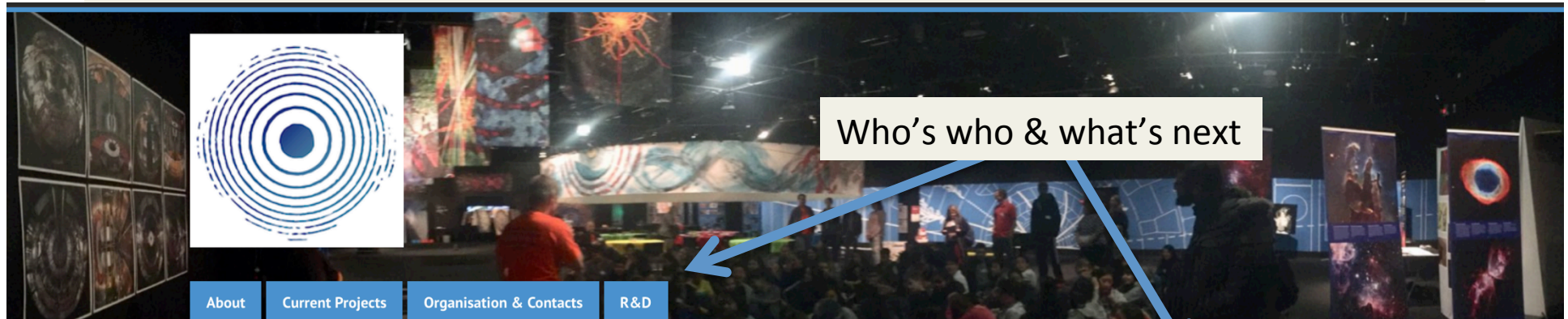


Yuji Ichikawa

Members of the ORIGIN Network, Michael Hoch, Claire Adam-Bourdarios and James Beacham, will be attending the upcoming Muographers 2018 General Assembly from November 28, 2018 - December 1, 2018 to discuss this new collaboration, and plans for the future.

From November 29, 2018 - December 1, 2018, there will be artwork (inspired by CERN experiment CMS and muography) exhibited at the Italian Institute of Culture (Tokyo) by Michael Hoch, Yuji Ichikawa, Keizaburo Okamura and others.

# For those who have CERN credentials



## LHCP 2019 - Mexico



The LHCP 2019 conference will take place in Puebla, Mexico, in May 2019. A possible ORIGIN contribution is being discussed with the local Conference organisers.

Contact: Despina Hatziotiadou and Claire Adam, with local ALICE organisers.

### IN THE PIPELINE

CHEP 2019 - Australia

LHCP 2019 - Mexico

Local organisers are ALICE. Team is being setup, interesting contacts already in Mexico. LHCP is about all of LHC so more project partners are welcome



# Brotherhood with other programs



2nd edition (2018-2020)

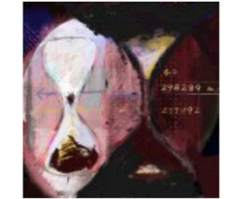
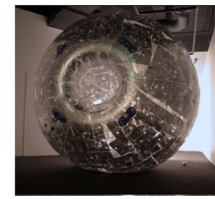
**Requests for the participation of Artistic, Classical and Scientific High Schools are open at the II edition of the Art & Science across Italy project**  
**November 2018 - May 2020**

The project was conceived by **Angelos Alexopoulos** (Vienna).  
The National Project Manager is **Michaelotta Paschou** (NA).



サラ・スタイゲルバルドの電子アート 「ミュオグラフィ Steigerwald, "Muography digital art"

FINE-ART MUOGRAPHERS ARTWORK PRESENTORS



Home



Let me conclude with a personal mantra:

“Science for peace” yes ...

What about trying it also within the community ? 😊