

Be Inspired
@ICHEP 24



YEARS / ANS CERN
1954 - 2024

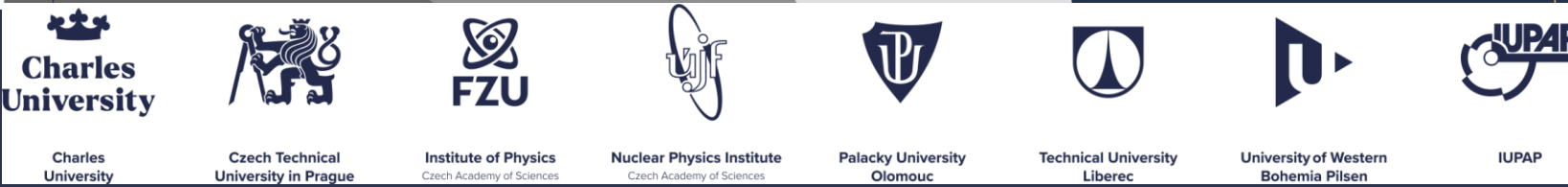


ICHEP 2024
PRAGUE

Be Inspired the Art & Science Project

<https://icheck2024.org/beinspired/>

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KIT Karlsruhe Inst. of Technology, Germany



To cope with challenges of the

21st Century we need:

Critical Thinkers

Creative Minds

Science & ART

STEM + ART = STEAM

Science, Technology,
Engineering, Art and Mathematics

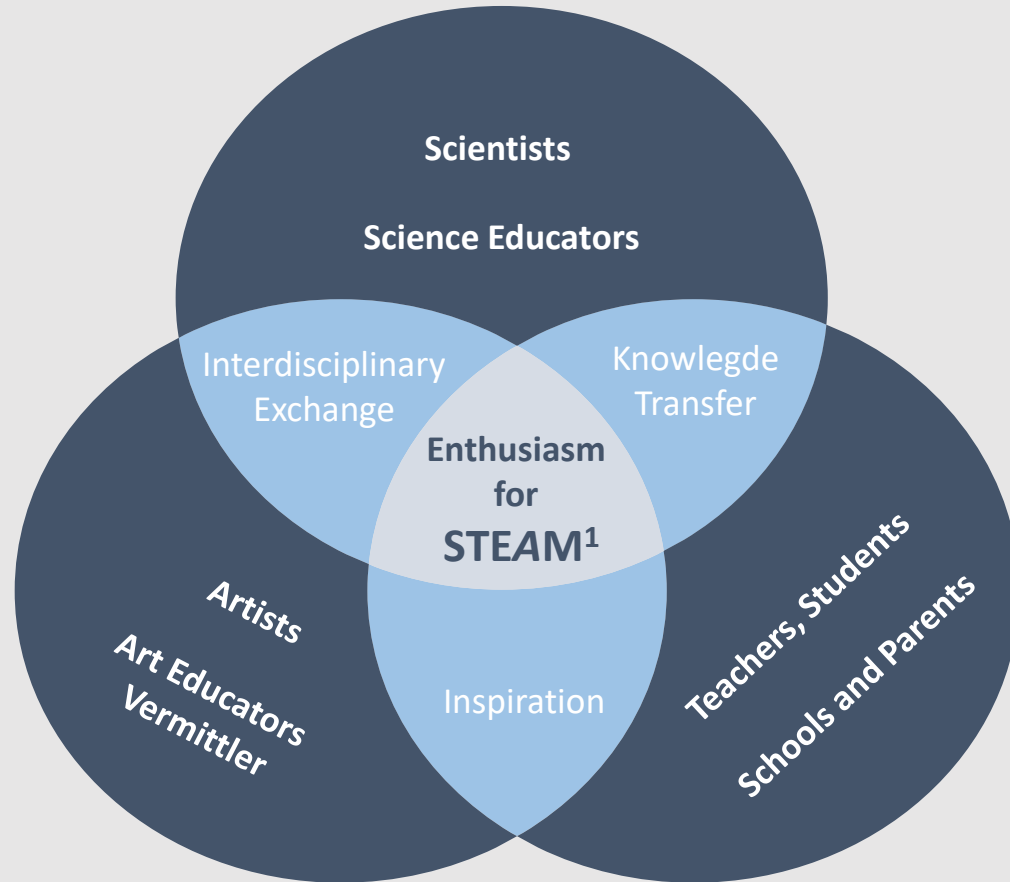
WHY STEAM?

education

Science is a creative discipline

Art is a serious engagement with a subject

A unique collaboration of different fields



Scientific Community – Scientists and Scientific Institutions

- Offer unique access to state of the art content and first hand network to real people and institutions involved
- Offer authentic hands on experience to the audience
- Offer dialogue with artist to create external views on the topic

Creative Community – Artists, Art or Cultural Institutions

- Artists create works which allows a diverse view and personal access on the scientific content
- Offer their dialogue with the audience and as such Vermitteln their own inspiration and first hand explanations on artistic research
- Enable the artistic process
- Provide access to prominent venues for exhibitions and events

Educative Community – Teachers, Schools and School Council

- As better the teacher supported and more one can expect they imbed this dialogue in their own curriculum
- Science curriculum full, however art classes are more flexible to pick up a modern science topic
- A prominent SciArt consortium helps to get acceptance and support from higher level education institutions, school/ school council/ ministry of education

+ Engagement of Funding agencies and private sponsoring enables the sustainable implementation, dissemination and inspiration for many pupils

• ¹ Science, Technology, Engineering, Art and mathematics

transdisciplinary collaborations

Join forces with other important stakeholder

accept and respect their competences

enable synergies between competences

Cross disciplinary EDUCATIONAL Formats

3 models for different implementation scenarios

1) sciARTmasterclass[©]

- short engagement scenarios e.g. science festivals

2) Science&Art@School[©] / Be Inspired

- authentic school student engagement & inspiration

3) Cultural Collisions[©]

- full cross disciplinary science engagement inspiration & research



Video of Pupils Interview: Science&Art@School, ECOLINT 2015:

<https://www.youtube.com/watch?v=yTqDm0Yp04E>

art@CMS - ORIGIN cross disciplinary science & art engagement and networking for education:

<https://mhoch.web.cern.ch/Art@CMS/ORIGIN.pdf>

EU project CREATIONS (2016 - 2019) was based on the art@CMS program <http://creations-project.eu/>

© designed by Michael Hoch

BeInspired@ICHEP2024 duration 6 months

Phase 1:

Kick Off Event

Interdisciplinary
Workshops

university

Phase 2:

at School

Artistic process and creative
works at school
Hands On Workshops:
MASTERCLASS
CERN virtual Visit

and online tool

Phase 3:

Final Event

Vernissage & Exhibition
& Performance of pupil
artworks in a

ICHEP2024

BeInspired@ICHEP2020

full day - Inspiration Workshop at the University in February

January 2020 Working visit of Prof. Vladimir Kokolina & Team

Preparation meeting for workshop days at the University Prague

Due to the Covid19 pandemic, the Workshop days in Prague has been realized the rest of the engagement and exhibition activities has been online.



BeInspired@ICHEP2020

artist residence visit @ CERN / CMS January 2020

Educational program for >120 high school students

Visit/ Masterclass/ Art WS/ Could Chamber WS/ Science Flash Mob/



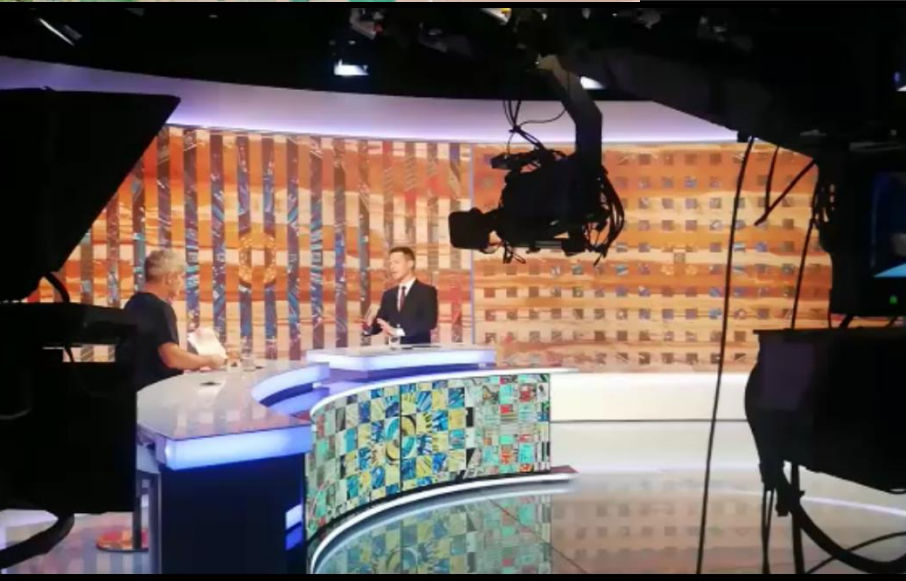
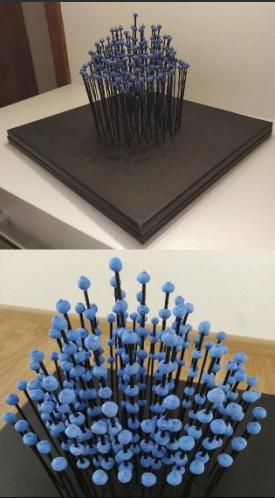
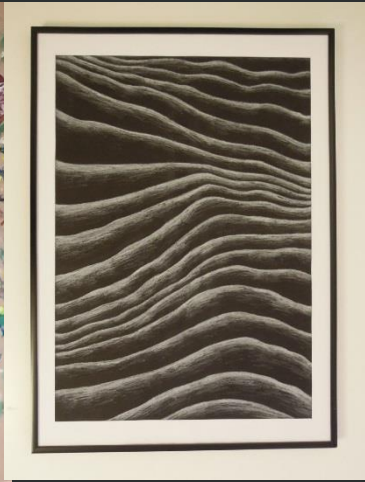
BeInspired@ICHEP2020

final pupil exhibition of the creative results / Due to Covid Online 2020

1) *end of school year exhibition - online June 2020*

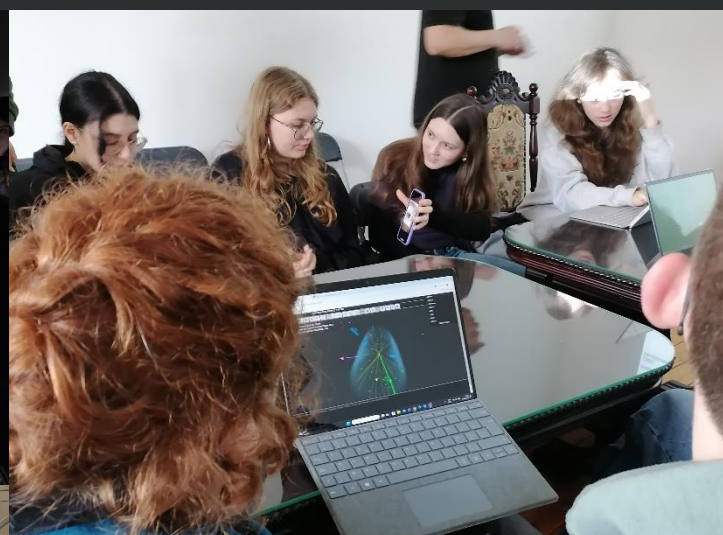
2) *ICHEP2020 student exhibition – online July/August*

online Art competition : <http://ichep2020.org/beinspired-vystava-hlasovani.htm>



Beinspired@ICHEP2024 – Initial Workshop Day @ CTU Prague January 2024

Organisers: FJFI ČVUT, MFF UK, FZU AV ČR, ICHEP



Beinspired – Initial Workshop Day @ CTU Prague January 2024

Creative Workshops : Petra Buzková, Michael Hoch

Choreography: Lucie Charouzová and Jiri Hejbal



Beinspired – Initial Workshop Day

presenting results on various sceens

collage that is composed of small paintings The artwork was finalized collaboration with Petra Buzkova and presented in at the Czech Academy of Sciences.



Beinspired – Vernissage@ICHEP2024

“BeInspired@ICHEP2024” exhibition curated by Daniel Scheirich, Martin Rybar

“I want to be human” exhibition curated by Arnošt Lustig Foundation



Beinspired – Dance Performance

Dance and Technology - BeInspired@FZU 26th April 2024 Choreography: Lucie Charouzová and Training: Daniel Scheirich



BeInspired @ ICHEP2024

Number of pupils participating:

~ 100

Age of participants:

8 to 18 years

Number of schools :

7

Duration :

6 months

Vernissage & Dance performance:

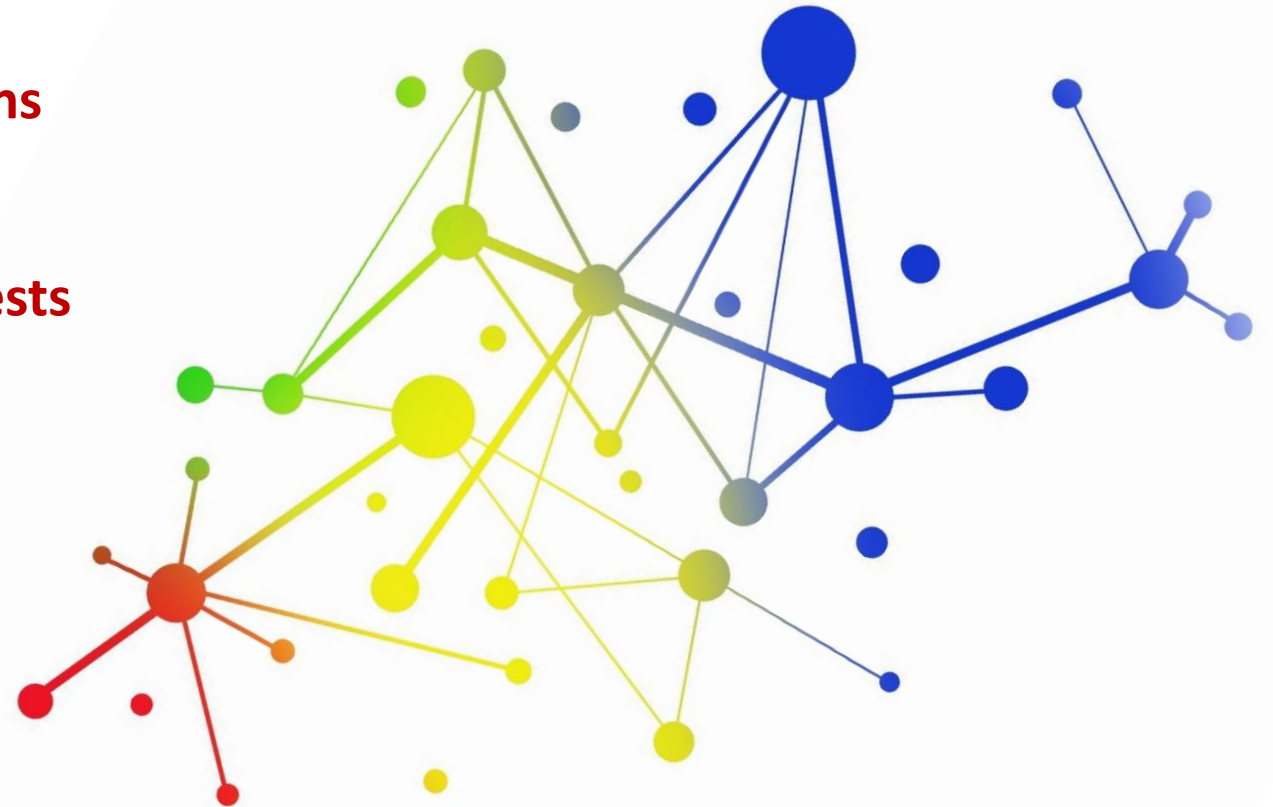
~200 guests

Duration Exhibition:

8 days

Foster Network between:

- scientific community
- creative community
- teachers



Inspiring the next generation in **science methodology** & **art practice**, fostering **critical & creative thinking**, and highlighting the significance of **both science & the arts for humanity** require **collaboration & networking** among professional communities.

Together, they can **create richer** and more **impactful educational experiences**.

Thank you for your attention!

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