

# PAST, PRESENT AND FUTURE OF THE UNIVERSE

## SCIENCE&ART - CONNECTING PEOPLE -

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### Objective

- 1) Demonstrate how **science and art enables** connecting people.
- 2) **Engage, network and inspire** all generations, particularly **young people**.
- 3) Stimulate **curiosity on science**; foster **critical & creative thinking** process; engage in **science via art practice**.
- 4) Network between local scientists, artists and educators with real people involved in the international arts and **Big Science** experiments such as those at CERN, gravitational waves interferometers, space telescopes.
- 5) **Sustainability: Transfer** the **knowledge, materials** and **tools** to local partners.

### Goal

Inspire teams to work on **scientific topics** the following months to create supervised by scientists and artists **artistic videos** or **digital artworks** in which students present their interdisciplinary **dialogue**. The **target audience** for these digital artworks are other young students, similar age.

### Schedule

- Oct 2020; find and engage with **4 teams** in **4 towns: Sarajevo, Banja Luka, Tuzla and Mostar**.
- As well open for further teams from any other place in Bosnia and Herzegovina to join.
- May 2021; Final presentation

### Format

- Send **scientific posters** to be installed in **each of 4 locations**, poster will stay permanently.
- **Opening hybrid (online + offline) Symposium – 2020 5th to 8th November**
  - Preliminary location: **Vlašić** mountain resort
  - **Offline introduction** of local teams participating - teachers, students, scientists, artists with **online participation** of other international project participants
  - **Virtual visits** to corresponding experiments at **CERN** (ALICE, ATLAS or CMS) and others
  - Online Presentation of **scientific topics** beginning, present and future of Universe
  - Presentations of best art&science practices and experiences in science communication by experienced scientists and artists (**online/offline**)
  - **Offline working in groups**
  - Online part of the symposium will be **open** for all

- **Mentoring:** December, January, February and March 2021, **each month one hour online working sessions** for rehearsals and discussions are organized by the regional and international organising comity.
- **Closing Symposium** – May 2021:
  - Presentation of digital artworks; criteria: 1) how was it made; 2) message & quality
  - Closing remarks from the organisers

### Participants

- At least **four high school teams** from four cities (**Sarajevo, Mostar, Banja Luka, Tuzla**) consisting of at least: one **teacher** + three **students** + local **artist** + local member of the **scientific** organisational committee,  
Teachers who participated in the CERN National Teacher Programme
- Other groups of citizens could also participate – **open to wider community**

### Organisation

- Organisational committee: authors of this memorandum
- Participation of international scientists and artists, particularly from the region
- Local scientist and artists from Sarajevo, Banja Luka, Mostar, Tuzla

### Budget

- Printing and shipping costs for 4 sets of 15 posters: 2000 EUR
- Eventually presents for all participating students (for example Tshirts): ~ 600 EUR
- CONNECT project (DAAD): ~ 8 000 EUR for local travelling by end of 2020. Plan is to finance the Opening Hybrid Symposium in Vlačić
- Award for winning team – visit to CERN: ~ 5000 EUR

### Partner

- CERN / Austrian Cultural Forum Sarajevo / DAAD-CONNECT2020 / ORIGIN



austrijski kulturni forum<sup>sar</sup>

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