

GLOBALCOSMICS

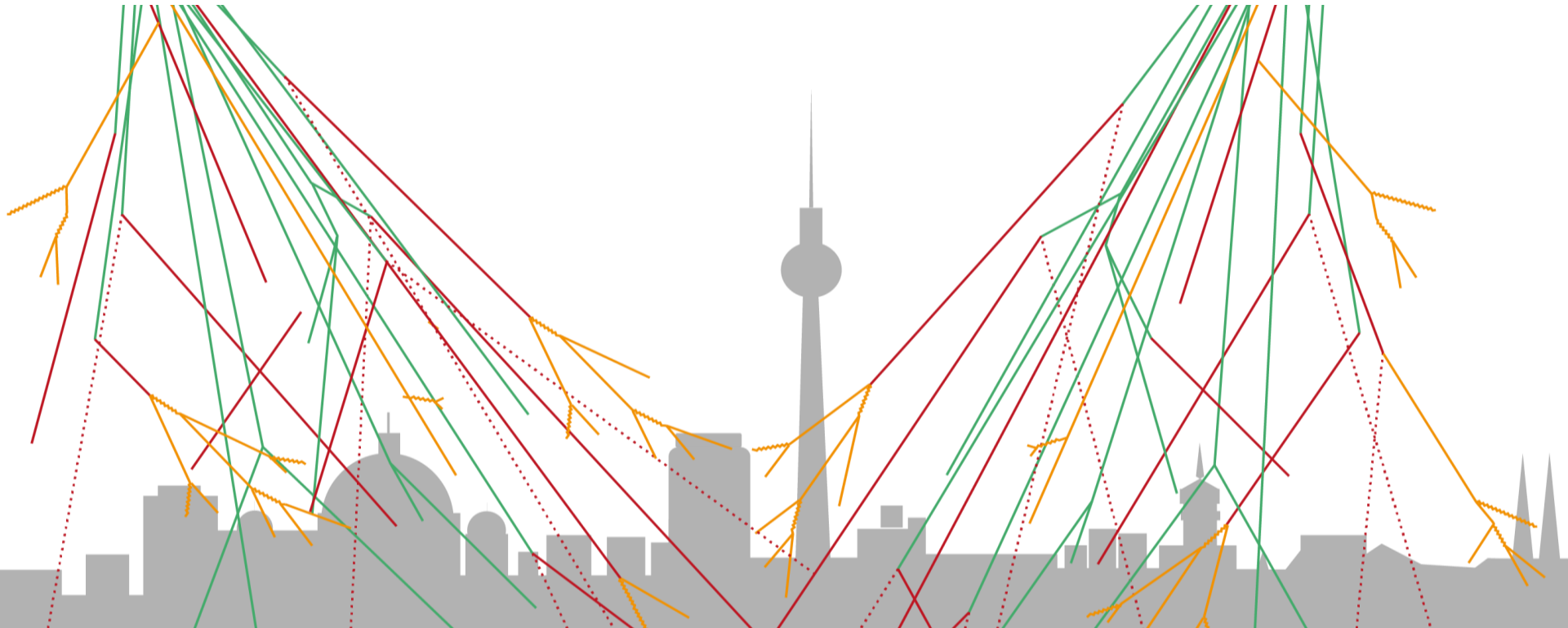
Common Website for Cosmic Ray Education Projects Worldwide

.ORG

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14th IPPOG Meeting at CERN, 3. November 2017



Carolin Schwerdt aka Caro

Office: DESY, Zeuthen

Scientific Coordination of Cosmic-Education-Project at DESY in Zeuthen and inside the German-wide Network „Netzwerk Teilchenwelt“

CosmicLab:

internship for interested high-school students of 2 weeks; support of teachers



network between scientists, students and teachers; 29 institutes at 25 cities

Experiments, Tools and Programs:

Cloud Chamber, CosMO (scintillation counters), Kamiokannen (cherenkov counters); Auger and IceCube Masterclass; Web base Cosmic@Web



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Aim

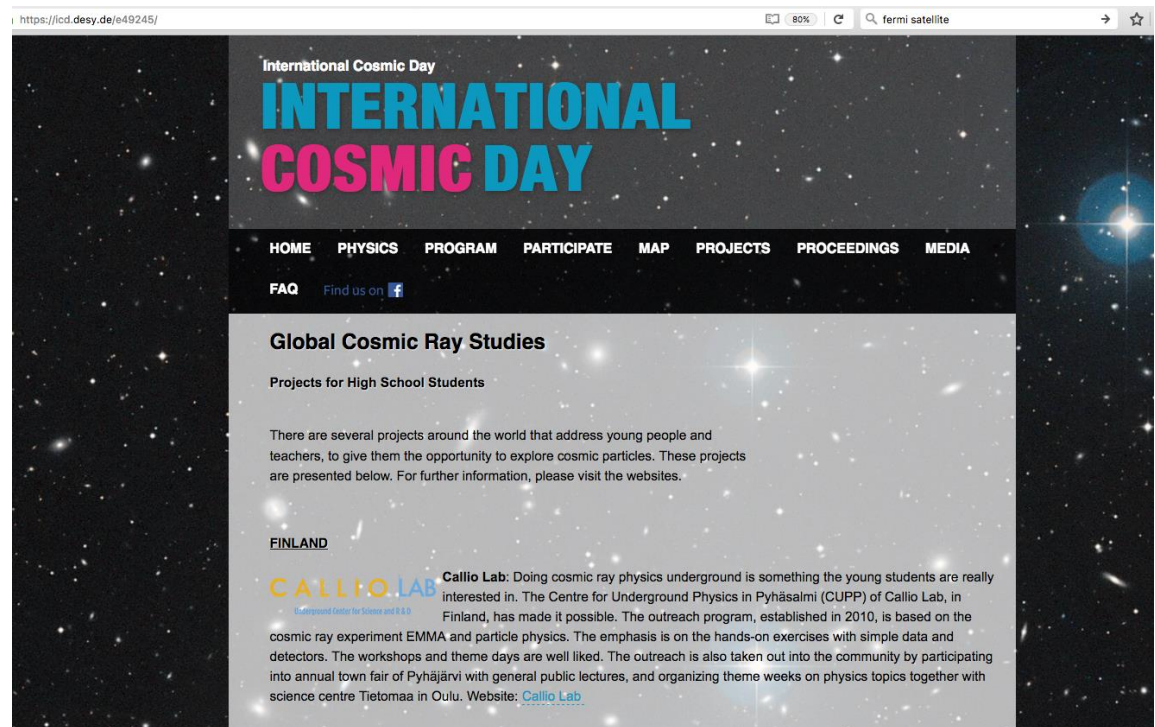
Build a Website:

- that gives an overview of all cosmic-ray education projects worldwide,
- links all of them and
- lists events in which high-school students can participate.

First try:

- <https://icd.desy.de/e49245/>

Become an independent website.



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Audience

Projects

Instructors

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Audience

Projects will have a common node where they can:

- present themselves.
- help build a network.
- find contacts to other projects.
- join forces and apply for events together.

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Instructors who act as mediators between science and school:

- have access to lessons and activities for their students.
- find information for themselves to inspire and for professional development of their teaching about current research.
- contacts to projects, some may even be near by.

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Audience

In addition, these groups can be addressed.

Students will find:

- information about astroparticle physics.
- contacts to a project of a local institute and projects worldwide.
- overview of opportunities for them.

Scientists will find:

- inspiration and ideas about how to incorporate cosmic ray studies with their own outreach activities
- contact information

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Contents of the website

Introduction

- which gives a rough overview of astroparticle physics and what the key topics are.

All Cosmic Ray education projects

- introduce themselves.

Maybe a world map,

- which highlights cities or countries.

Description of global activities for young people, e.g.:

- International muon week
- International Cosmic Day
- <https://spexperiment.icecube.wisc.edu/>
- <https://masterclass.icecube.wisc.edu/>
- <http://www.cazadoresderayosgamma.com/>
- <https://www.zooniverse.org/projects/zooniverse/muon-hunter>

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Contents of the website

Contact

Carolin Schwerdt, Marge Bardeen and ??? responsible for maintenance of the website.

Every institute is responsible for its own content.

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Next Steps

- Requirements for the design of the website have to be discussed
- Financing has to be clarified (preparation of the website)