

Helmholtz Sustainability Summit

Open Science

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Berlin Buch

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HELMHOLTZ OPEN SCIENCE

Selbstverständnis des Arbeitskreises Open Science

Der Begriff Open Science bezeichnet einen kulturellen Wandel in der wissenschaftlichen Arbeitsweise und Kommunikation. Computergestütztes Arbeiten und die digitale Kommunikation ermöglichen einen effektiveren und offeneren Informationsaustausch innerhalb der Wissenschaft und fördern den Transfer der Ergebnisse in die Gesellschaft.

<https://os.helmholtz.de/open-science-in-der-helmholtz-gemeinschaft/akteure-und-ihre-rollen/arbeitskreis-open-science/selbstverstaendnis-des-arbeitskreises-open-science-der-helmholtz-gemeinschaft/>



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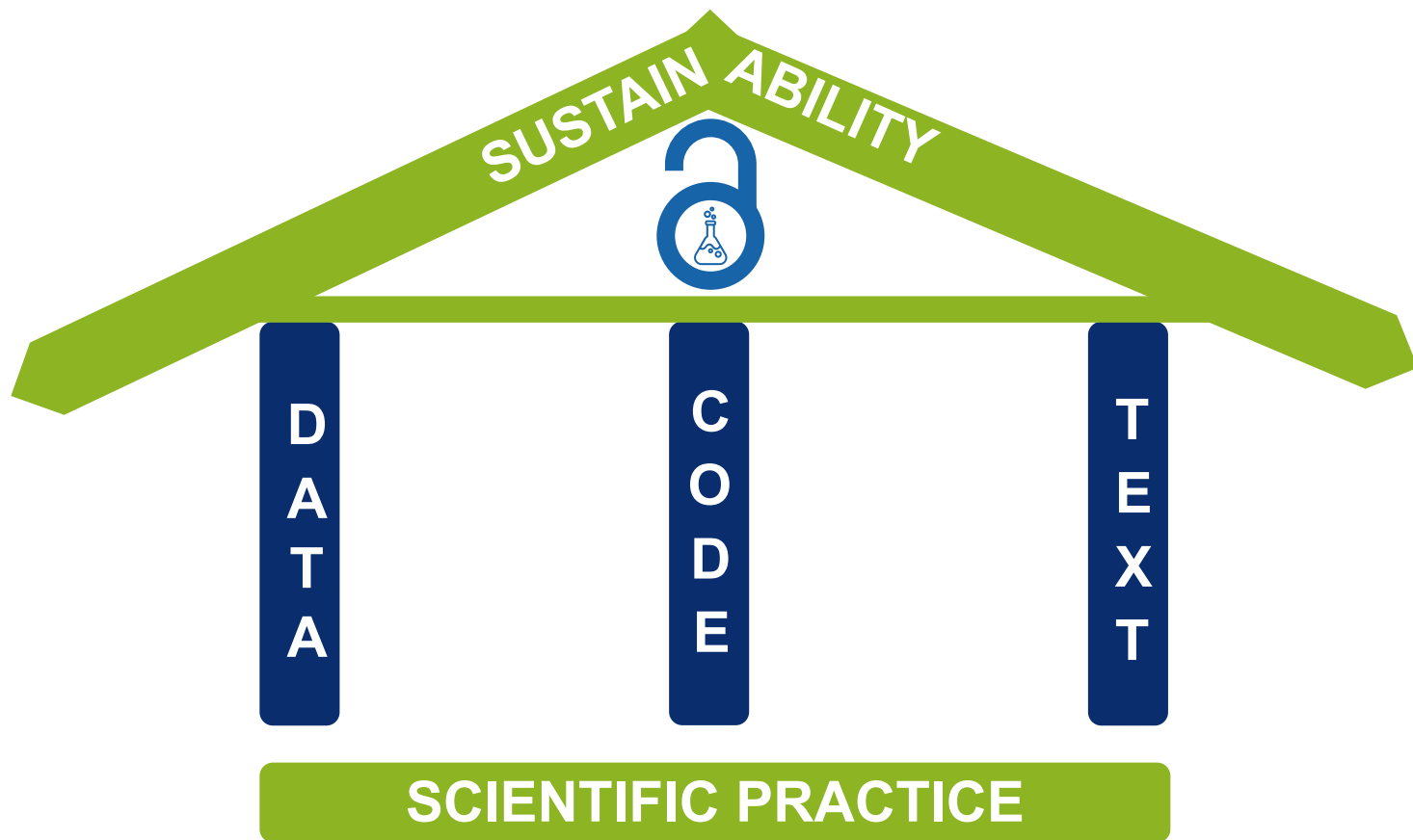
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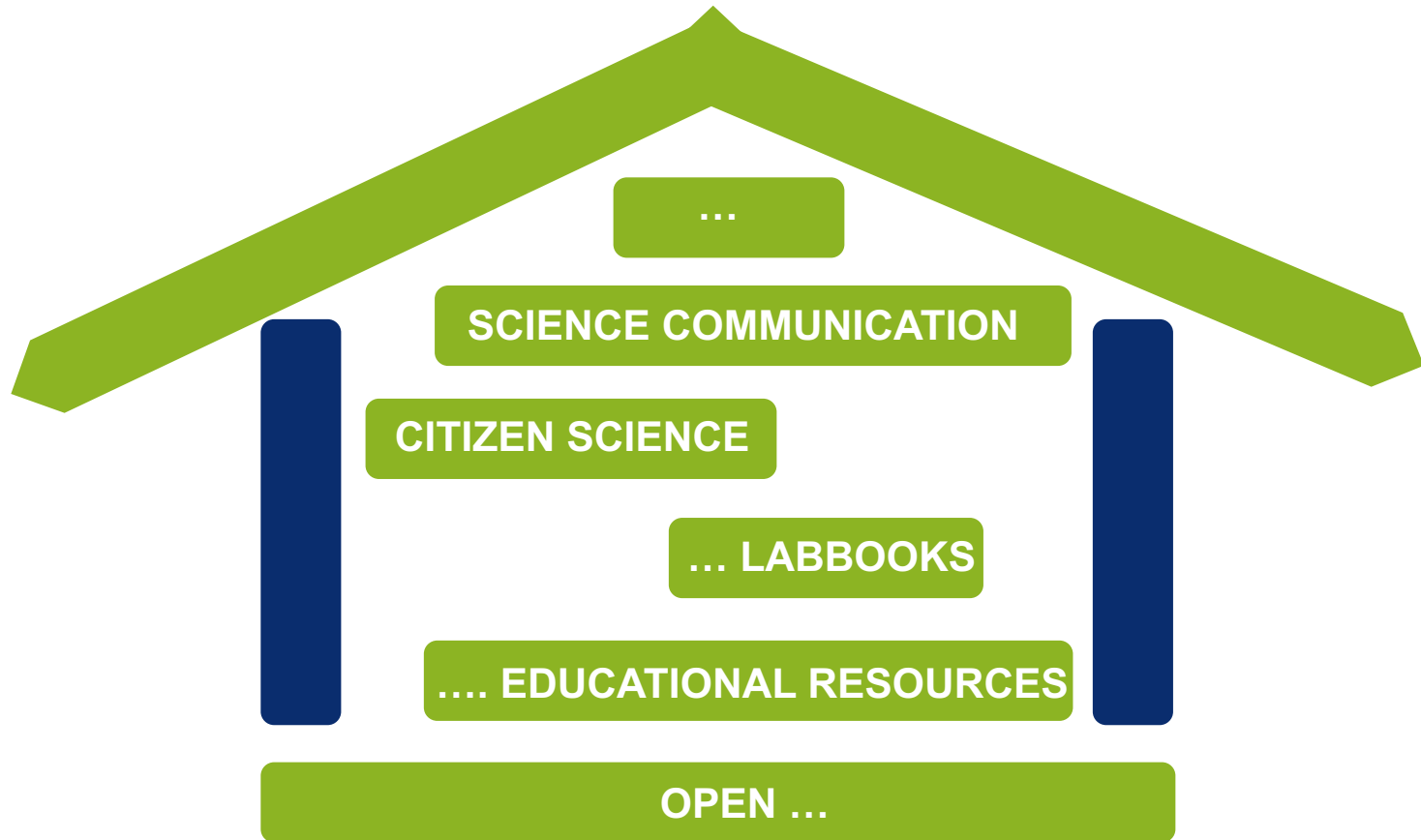
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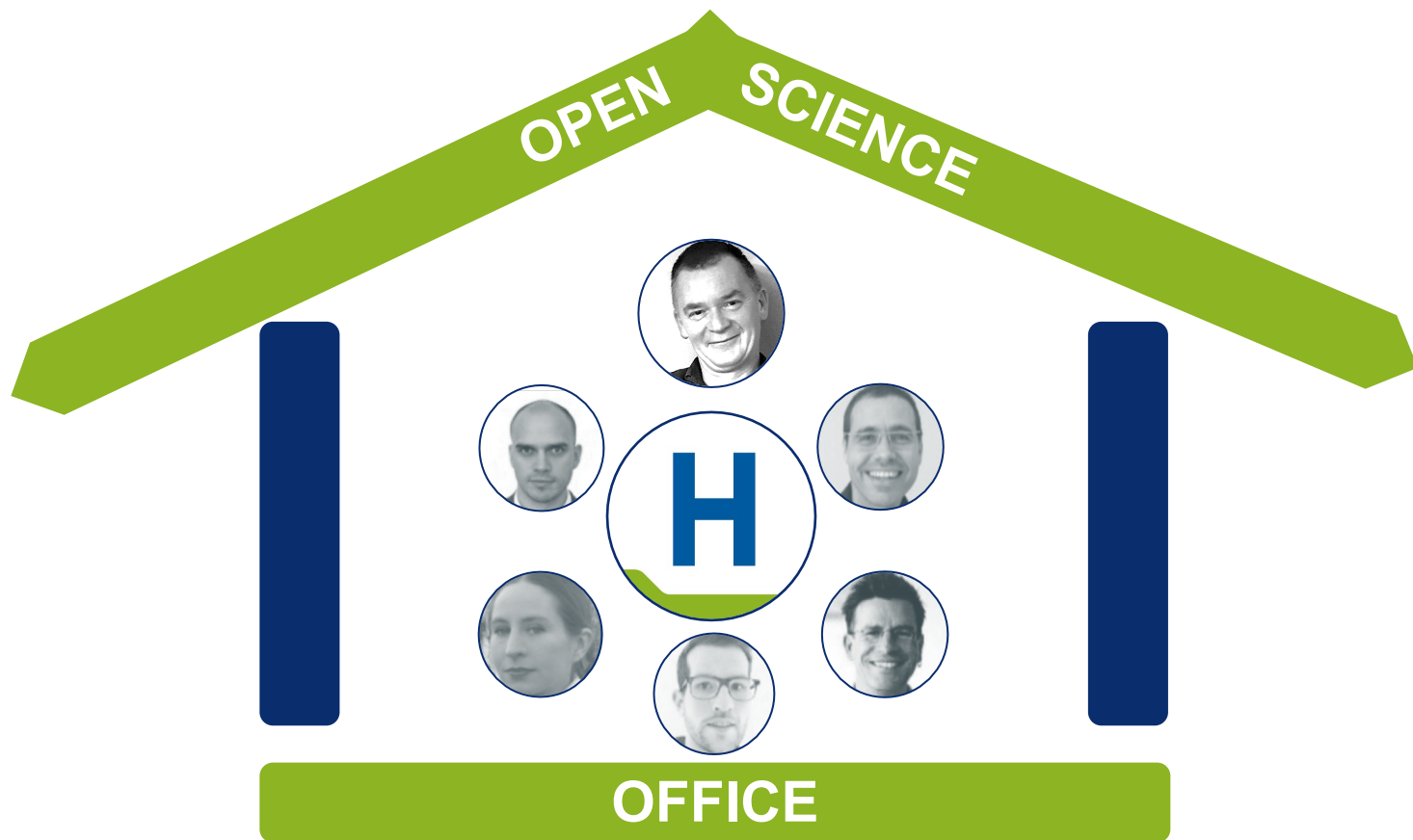
SCIENTIFIC PRACTICE

HELMHOLTZ OPEN SCIENCE



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HELMHOLTZ

WORKSHOPS

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OPEN SCIENCE



The logo for Orion Open Science features the word "ORION" in a bold, dark blue, sans-serif font. The letter "O" is replaced by a stylized blue and white circular icon, and the letter "I" is replaced by a stylized purple and white circular icon. Below "ORION" is the text "open science" in a smaller, lowercase, dark blue, sans-serif font. Above the letters "O" and "I" are several colorful dots in shades of blue, green, yellow, orange, and red, arranged in a slightly curved line.

ORION

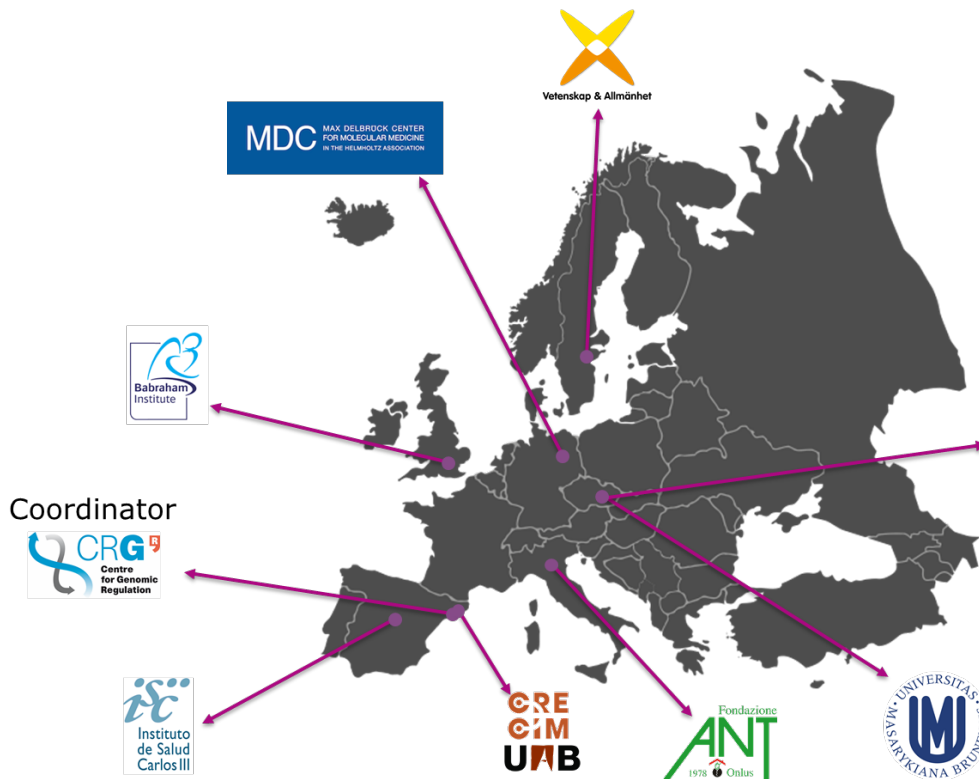
open science

Bringing more science into the society and more society into the science



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 741527 and runs from May 2017 to April 2021.

ORION Open Science



ORION Open Science untersucht, wie **forschende** und **forschungsfördernde** Organisationen in den Lebenswissenschaften und der Biomedizin ihre **Finanzierung, Organisation und Durchführung von Forschung** öffnen können.

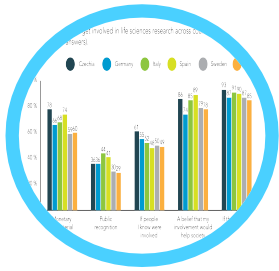


Coordinator



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ORION Open Science



Benchmarking

- OS in our institutes start-end
- Public survey



Training

- Workshops
- MOOC
- Podcast
- Train-the-trainer



Co-creation

- Citizen science
- Novel co-creation initiatives
- Public dialogs



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ART SCIENCE

ÆON: Trajectories of rejuvenation and CRISPR



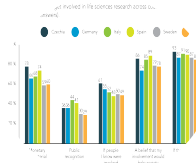
CITIZEN SCIENCE

SMOVE – Science that makes me move

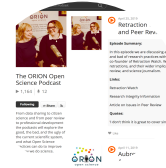


SURVEY

Public attitudes towards science engagement



ORION Open Science PODCAST



Public Dialog

Risks and Opportunities of PE in Genome Editing



TRAINING

Science & Admin



ORION Team at the MDC



Student
Zoe Ingram

Training developer
Dr. Emma Harris

Project lead
Dr. Luiza Bengtsson





The ORION Open Science Podcast

▶ 3,074 | 🎧 25

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From data sharing to citizen science and from peer review to professional development the podcasts will explore the good, the bad, and the ugly of the current scientific system, and what Open Science practices can do to improve the way we do science.



November 14, 2019 A Week's Worth of SciComm: Berlin Science Week and the Value of Science Communication

Episode Summary:
Is Science Communication relevant and important to Open Science? Using the events organised by ORION and the MDC as part of the recent Berlin Science Week as a case study of varied science communication events the usual hosts are joined by Dr Christian Popp and Valentin Popescu from the Lifetime Flagship project at the MDC to discuss these topics.

- Episode Links:**
- [Lifetime Project](#)
 - [Lifetime Twitter](#)
 - [Berlin Science Week](#)
 - [Brain City Berlin Trailer ft. Open Science Workshop event](#)
 - [The Bear: Storytelling Workshop on the theme of Eureka! moments](#)

Episode Quotes:
"Science is amazing and I don't understand it but I want to know more!"

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October 31, 2019 Compound Interest: Discussing the EU Open Screen Project at the MDC

Episode Summary
In this episode we talk to Dr. Jens Peter von Kries and Dr Katja Herzog from the Max-Delbrück-Center for Molecular Medicine (MDC) about their work on the open access technology platform EU Open Screen Project.

Episode Links

Links

MDC MAX-DELBRÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT

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-  www.orion-openscience.eu
-  orion@crg.eu

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OPEN SCIENCE WORKSHOP

World Café

- **MOTIVATION**

- Wie können wir in Helmholtz dazu beitragen die **Motivation** für Open Science zu fördern?
- Welche **Anreize** sind denkbar und wünschenswert?

OPEN SCIENCE WORKSHOP

World Café

■ KOMPETENZEN

- Wie können wir in Helmholtz dazu beitragen, dass das **Bewusstsein** für Open Science auf **Leitungs- und Administrationsebene** entwickelt wird?
- Wie können wir in Helmholtz dazu beitragen, dass die **Kompetenzen** für Open Science auf der **wissenschaftlichen Ebene** entwickelt werden?

OPEN SCIENCE WORKSHOP

World Café

■ PRAXIS

- Wie können wir in Helmholtz dazu beitragen **Open Science als Element guter wissenschaftlicher Praxis in den Zentren** weiter zu etablieren?
- Wie können wir in Helmholtz dazu **beitragen Open Science als Element guter wissenschaftlicher Praxis auf nationaler und internationaler Ebene** zu verankern?

HELMHOLTZ

Open Science

ENABLING OPEN SCIENCE PRACTICES IN HELMHOLTZ!