



# P-8 Project OER and OEP

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## P-8 Digital Skills

- Mastering Open Educational Resources (OERs) and Open Educational Platforms (OEPs)
- 2021-2024
- Leading house: EPFL
- Partners: ETHZ, PH Bern, HEP BEJUNE, HEP Valais, ZHAW, UZH, HEFSM, FHGR, PHSG, IFFP, HEP-FR, HEIA-FR

# 1. Teach the Teachers

- Lead: HEP-Valais, PH Bern
- Partner: IFFP, PHSG, HEP-FR, FHGR
- Develop learning modules to teach teachers:
  - Information retrieval and management
  - Technology-supported collaboration and interactivity
  - Technology-supported communication
  - Targeted digitalization of learning contents
  - Reflexivity and analytical thinking of digital integration in pedagogical scenarios
  - Designing teaching and learning content for blended or e-learning
  - Designing teaching and learning content
- EPFL provides open educational platform Graasp to host these

## 2. Create and Animate a Community

- Lead: ETHZ, ZHAW
- Partner: HEFSM
- Creation and animation of an open education community-of-practice for educators on the topic of OERs and OEPs
  - Annual conferences and workshops
  - Development of a MOOC on OERs and OEPs
  - Work on next-generation open-education ecosystem

### 3. Create and Share Resources

- Lead: EPFL, HEP-BEJUNE, HEFSM
- Partners: FHGR, IFFP, PHSG, PH Bern, HEP-FR, HEP-Valais, HEIA-FR
- Faculty development on OERs and OEPs:
  - Blended learning activities fostering
    - collaborative learning
    - computational and critical thinking
    - inquiry
  - Incorporating AR/VR
- Bi-annual workshops

## 4. Provide Access for All

- Lead: ZHAW, UZH
- Making educational resources accessible for learners with disabilities
- Workshops
  - Accessibility of PDF, PowerPoint, Word, videos...
  - Developing accessible apps
- Awareness videos

## 5. Develop Data Literacy

- Lead: FHGR
- Partners: IFFP, PHSG, HEP-FR, EPFL
- Developing OERs for
  - Basic data skills
  - Data literacy
  - Ethical sensibility
  - Data management

## Particularly in subproject “Create and Animate Community”

- First conference November 2021
  - *Welcome*, Denis Gillet, EPFL
  - *Swiss MOOC Service*, Patrick Jermann, EPFL
  - *Layers of Openness*, Alastair Creelman, Open Networked Learning & Linnaeus University
  - *A Culture of Sharing*, Lorna Campbell, Open.Ed, University of Edinburgh, UK
  - *Keynote*, Cable Green, Creative Commons, USA
  - *Learning Object Management*, Gerd Kortemeyer, ETH Zurich
  - *How to produce OER in a legally compliant way?*, Suzanna Marazza, CCdigitallaw
  - *OER and Accessibility*, Alireza Darvishy, ZHAW



## Particularly in subproject “Create and Animate Community”

- Creator Workshop
  - Hands-on building of OERs
  - You can ask Nicole Krüger for more details

# Particularly in subproject “Create and Animate Community”

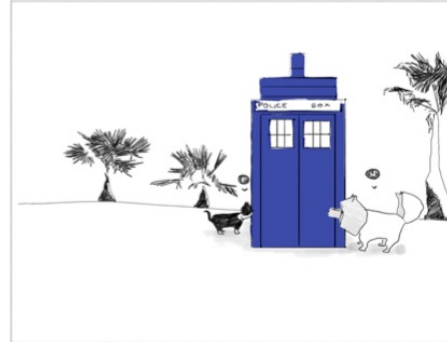
- Development of MOOC
- Hosted by Swiss MOOC Service
- Videos in storyboard stage

## Storyboard

STORYBOARD CREATIVE MEDIA HUB, ETHZ  
Title: History of OERs  
Series: XXX Approx. Duration: 00:00min

**ETH**  
Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

### Picture



### Voice-over

What this means: OERs are actually older than the term. The very idea of OERs builds on a history which reaches back many millennia and ultimately coincides with the development of the web.

Remarks: Frida & Nanuq waiting impatiently. With a "tardis sound" the block turns into a timemachine. TARDIS/Doctor Who reference might be nice. Frida & Nanuq go inside timemachine. The timemachine starts to disappear... (reference sound: <https://www.youtube.com/watch?v=Xg8M-8BqTGs>)



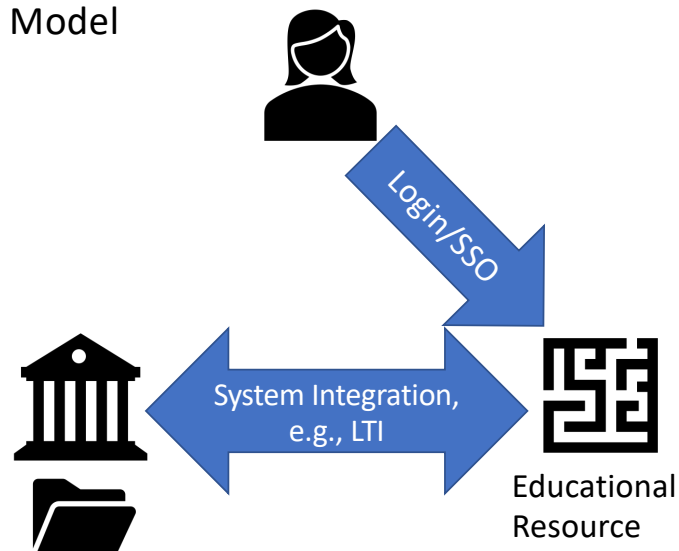
To get a better grasp of what OERs are and how to understand their current development, let us take a quick look at their history.

Remarks: Smth. Like the Doctor Who intro : <https://www.youtube.com/watch?v=VKKy-r8tq8c> or <https://www.youtube.com/watch?v=3E-wzpx1Vzc> (00:00-00:26) visual simialrites/soundeffects would be great; check licencing.

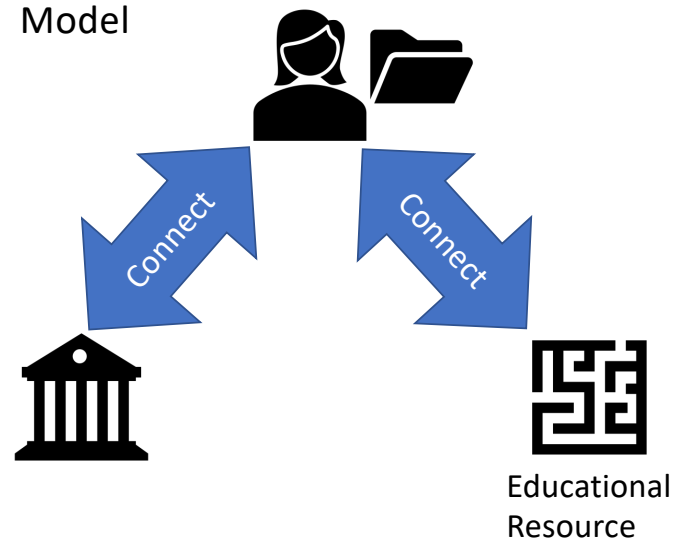
## Particularly in subproject “Create and Animate Community”

- Work on open educational ecosystem
- Self-sovereignty
- Modular incorporation of open educational resources and services into curriculum

Tool-Interoperability  
Model



Self-Sovereign  
Model



## Particularly in subproject “Create and Animate Community”

- Elephant in the room
- Unsolved problem since the beginning of OERs: how to reach the instructors
- Probably not the solutions:
  - more preaching
  - dogmatism
  - yet another platform
  - top-down pressure
- Needs to be
  - convenient
  - time-saving
  - modular
  - pragmatic
  - going along with faculty development on media competence



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