

Digital Credentials for Higher Education Institutions - DiBiHo

Consortium



Project Goal

Exploration of a trusted, distributed, and internationally interoperable **infrastructure standard** for issuing, storing, presenting, and verifying **digital academic credentials** in a **national and international context** for **German Higher Education Institutions**.

Project Period

11/2020 – 12/2022

Funding



Federal Ministry
of Education
and Research

Ref. No. M534800

Contact

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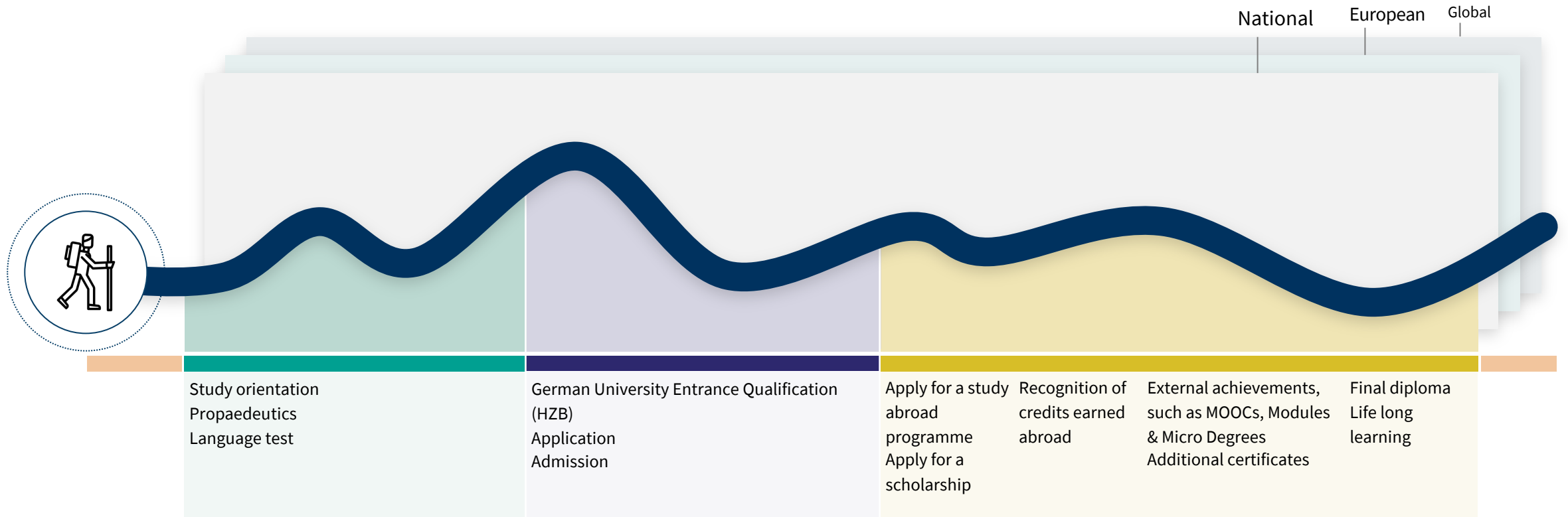
Links

www.dibiho.de



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Digital Credentials along the Learner Journey



Icon: Freepik



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Digital Credentials for Student Mobility

B2.14 Major topics of advice for prospective students from refugee backgrounds in Germany, in 2019

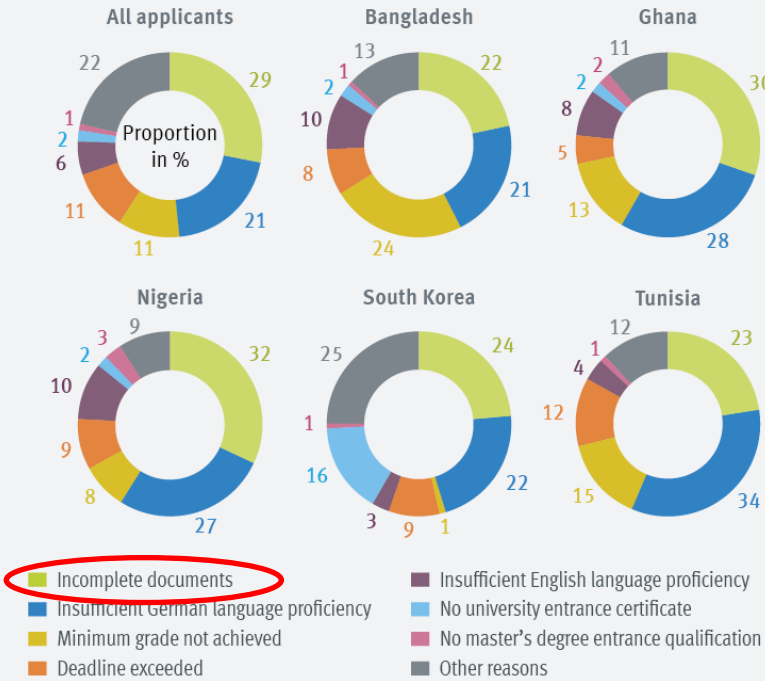
Topic	2019
Insufficient language skills	83
Choice of study programme/study orientation/organising studies	79
Insufficient knowledge of the university system	79
Financing while studying	78
Insufficient subject knowledge	72
Recognition of qualifications	69
Student support measures and opportunities	65
Financing travel costs to university location	62
Financing during preparatory courses	60
Housing market/accommodation situation	59
Questions on the German labour market	56
Residence and asylum issues	51
Job centre requirements	51
Alternatives to studying	50
Dealing with day-to-day life	46
Family problems	45
Missing documents	45
Psychological problems	45
Intercultural problems/misunderstandings	40
Integration outside university	39

Proportion in %

Source: DAAD



B2.9 Key formal reasons for rejection of international applications via uni-assist, total and by selected countries of origin, in 2020^{1,2}



Sources: uni-assist; DAAD calculations



Figure 1 – “Major topics of advice for prospective students from refugee backgrounds in Germany, in 2019 [B2.14]” (Wissenschaft Weltoffen 2021)
 Figure 2 – “Key formal reasons for rejection of international applications via uni-assist, total and by selected countries of origin, in 2020 [B2.9]” (Wissenschaft Weltoffen 2021)



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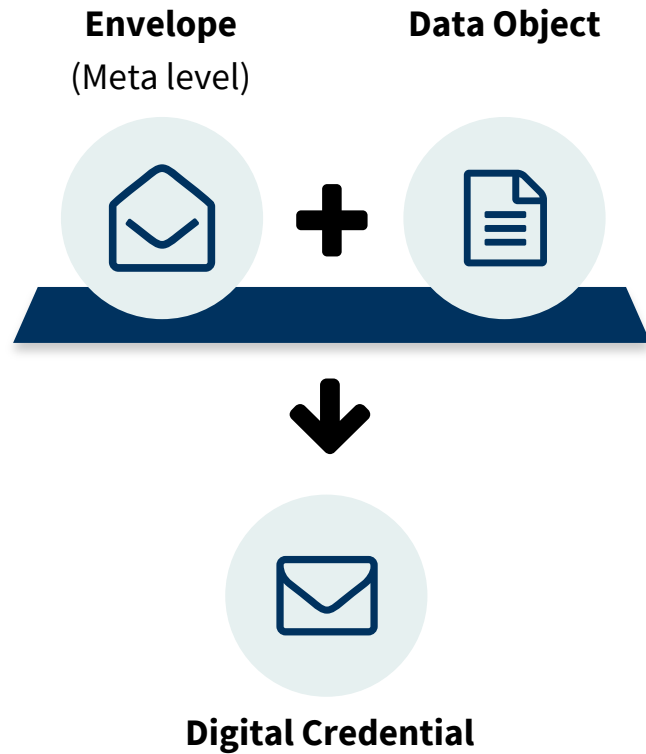


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What is a Digital Credential?



- A **credential** is defined as a digital document containing information about a **subject** (i.e. a person), a **statement** (i.e. vaccination status) and an **issuer**, certifying the former.



Analogue:
Vaccination passport



Digital:
Digital COVID certificate

Fotos: [Piero Niero](#) via [Unsplash](#); CovPass App



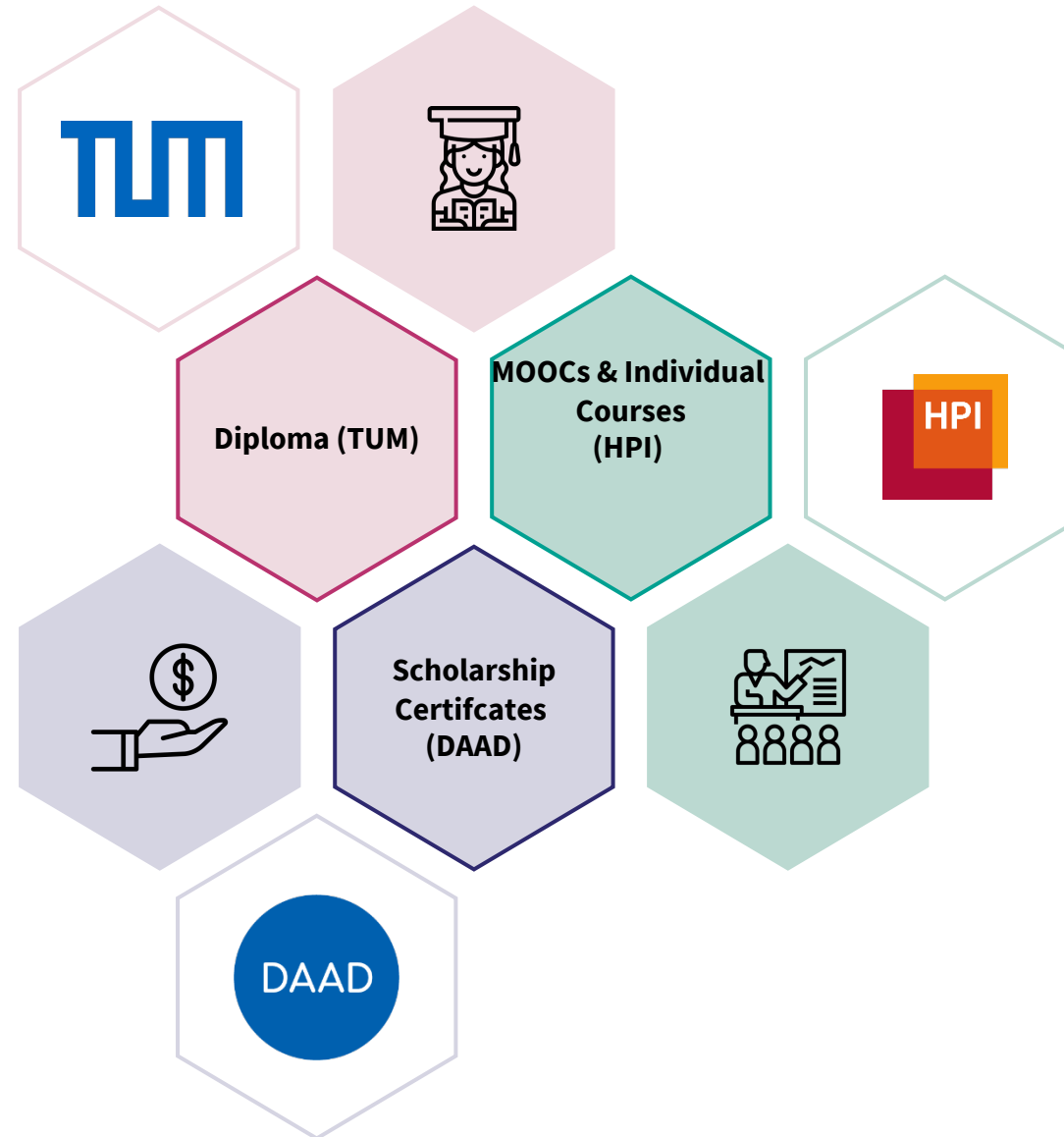
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DiBiHo Use Cases



Icons: Freepik



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Exploration of an **infrastructure standard** for issuing, storing, presenting, and verifying digital academic credentials.

International perspective

Analyse, compare and further develop existing approaches in the national, European and international context

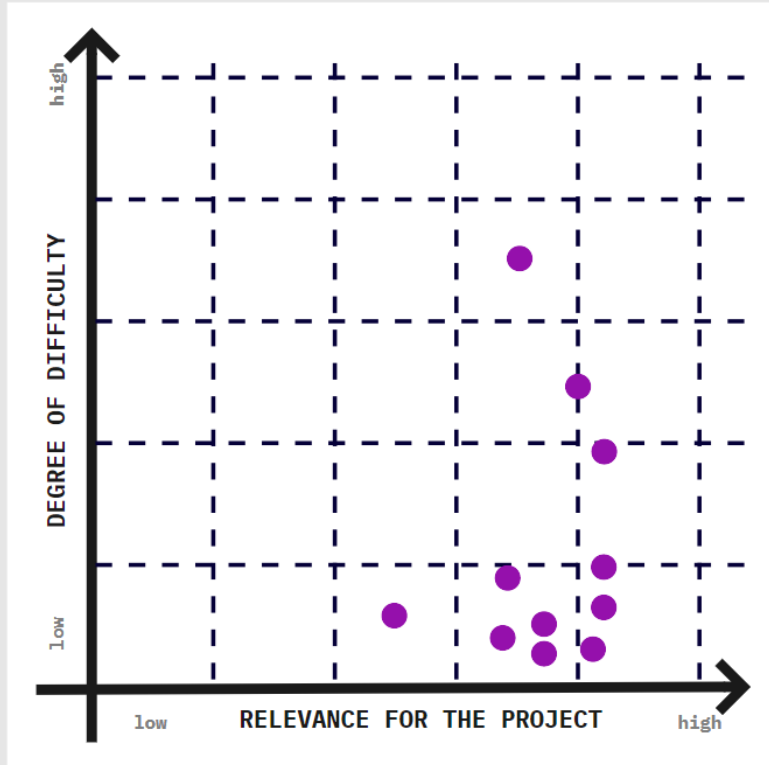
Identify and describe requirements and needed functionalities

Develop prototypes and proof-of-concept for selected use cases

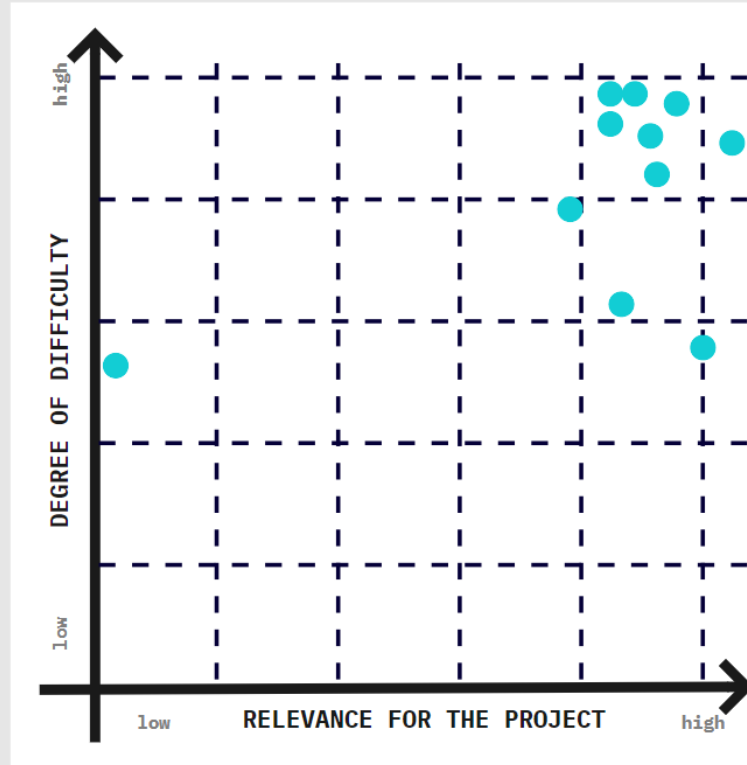
Recommendations for future operator and support concepts

Technology doesn't seem to be the problem...

Technical feasibility



Legal frameworks



**“How
do you rate the
following challenges
to agreeing on a
common standard
for digital academic
credentials in an
international
context?”**

**1st International Stakeholder
Dialogue – Workshop 1**

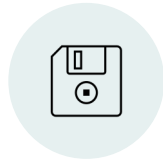
In summary



Digital credentials become particularly relevant at **transition points** in the education system



Technology is not lacking, **legal and organisational frameworks** are a priority



Data management practices must be **standardised**, making data **machine-readable**



Digital Credentials are a **common good**. Public funding for the development of **open technologies and standards** is needed



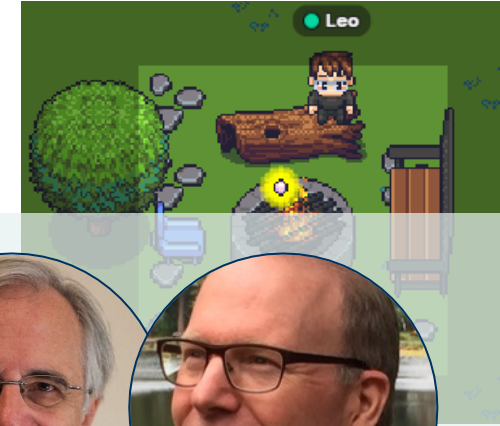
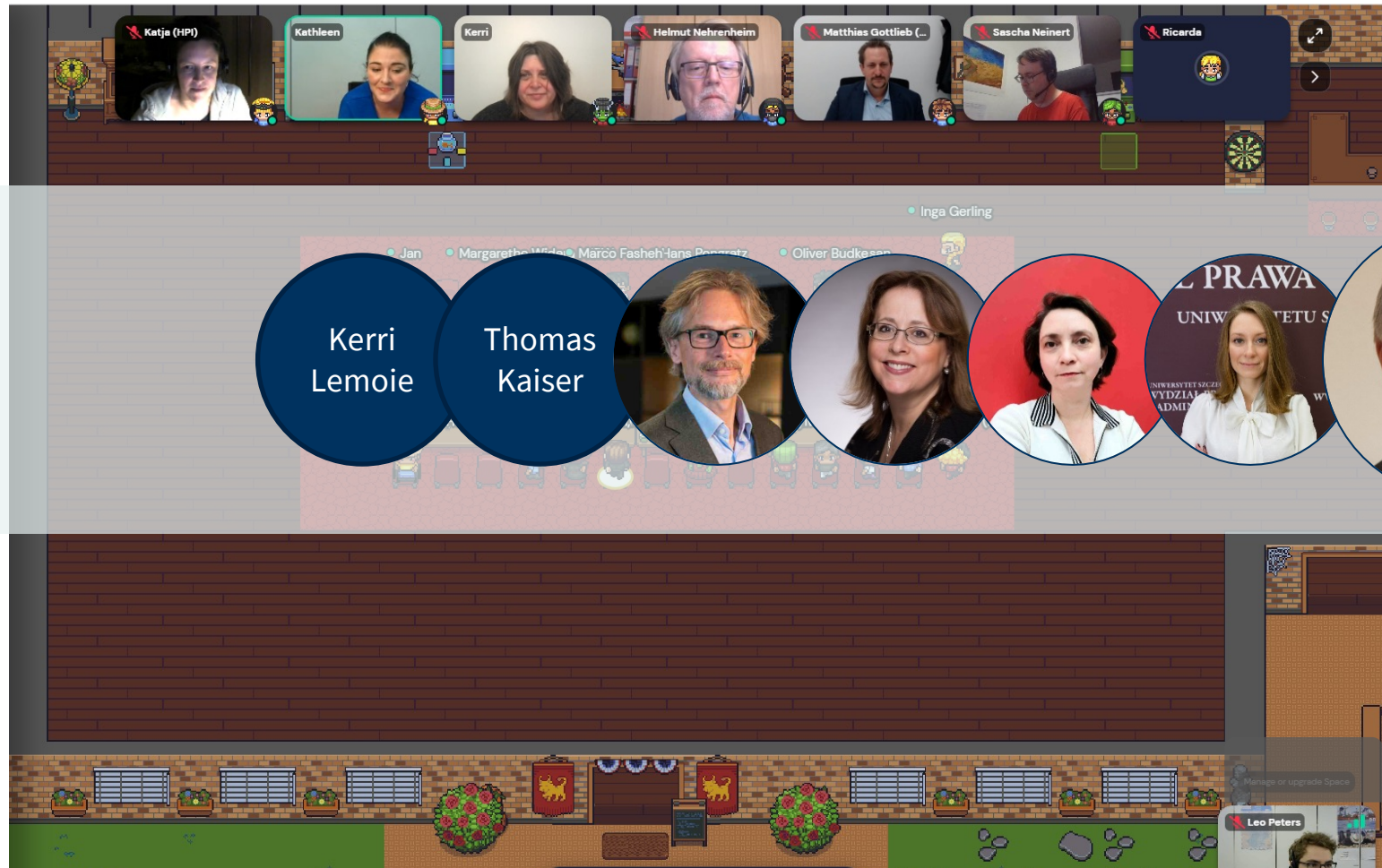
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Join us at our Digital Credentials Regulars



DAAD

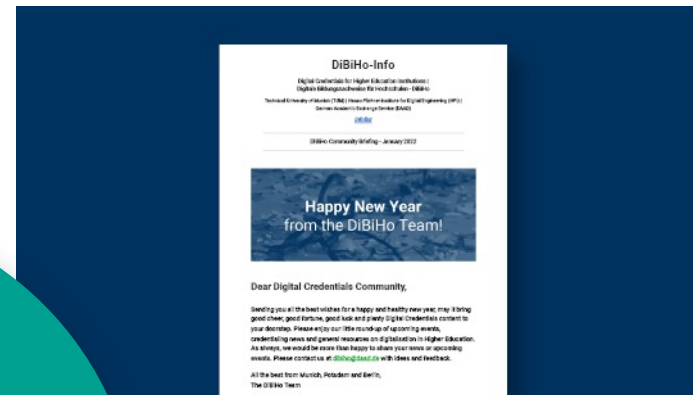
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Photos: Screenshots Gather.Town; Portraits: Paul den Hertog, Joanne Duklas, Perrine de Coëtlogon, Ewa Michalkiewicz-Kądziela, Carlos Delgado Kloos, Drummond Reed

13.06.22

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Community Briefings



**Join our
mailing list!**



Contact: Kathleen Clancy, Email: clancy.berlin@daad.de

DiBiHo-Info

Digital Credentials for Higher Education Institutions |
Digitale Bildungsnachweise für Hochschulen - DiBiHo

Technical University of Munich (TUM) | Hasso Plattner Institute for Digital Engineering (HPI) |
German Academic Exchange Service (DAAD)

[Infolist](#)

DiBiHo Community Briefing - April 2022

Community Briefing Spring

Dear Digital Credentials Community,

As Spring blossoms and the evenings grow longer, we are happy to share our update on upcoming events, credentialing news and general resources on digitalisation in Higher Education. As always, we would be more than happy to share your news or upcoming events. Please contact us at dibiho@daad.de with ideas and feedback.

All the best from Munich, Potsdam and Berlin,



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Coming soon: Conference Moving Target Digitalisation 2022



Track: Digital Credentials and Trust Networks in Education

30 Nov – 2 Dec
2022, Berlin

📍 Berlin-Brandenburg
Academy of Sciences
and Humanities

More Info:



Photos: DAAD/Ausserhofer; BBAW/Fischer

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