DSI Infrastructure & Lab Call 2024

Zoom Information Event, 14.3.2024

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Agenda

– Key Points of the DSI Infrastructure & Lab Call 2024

– Definition of an Infrastructure or Lab

– Approved DSI Infrastructures & Labs (as of today)

– Key Aspects for the Committee Members

– Budget & Matching Funds

– Questions & Further Information

Key Points of the DSI Infrastructure & Lab Call 2024

Summary of Key Points

1. Only Infrastructure & Labs (see the following examples). No projects. No funding of careers.

2. Interdisciplinarity

3. Eligible are full DSI members (all UZH members who are actively involved in issues related to the digitalization of society / registration: https://www.dsi.uzh.ch/en/research/network/registration.html.)

4. Funds must be partially matched from UZH funds (Betriebskredit, Einrichtungskredit, other UZH research funds) or third party grants. Own salary can be used as matching funds.

5. Investments in assets are not allowed.

6. Funding from CHF 20'000 to CHF 100'000 are funded for max. project duration of 2 years

7. Reapplication possible, as well as funding for consecutive project.

8. **Deadline: April 28, 2024,** Decision: June 2024

9. Yearly calls until 2027, always in the spring semester

Definition of an Infrastructure or Lab

Definition of an Infrastructure or Lab

- Jointly usable infrastructures (e.g. Data Donation Lab, Z-Pool-Tool, ..), or
- structural vessels to promote collaborative settings for research (e.g. Bridge Lab)
- Enable synergies and new forms of cooperation
- Potential to develop into an UZH technology platform

Funded (examples):

- Regular, purpose-oriented meetings of researchers to jointly develop solutions
- Combination of existing infrastructures
- Development of new infrastructure/platform that are conducive to interdisciplinary cooperation.

Not funded (examples):

- Improvement of an existing app for a closed user group
- Digitalization of samples/collection or artefacts

Approved DSI Infrastructures & Labs

DSI Infrastructures & Labs resulting from the Spring-Call 2021

- **Data Donation Lab:** Promote and facilitate research with data gathered through data donations; provide an infrastructure to collect digital trace data through data donations by study participants; provide a platform for the transdisciplinary exchange among researcher working with such data.

- **Z-Pool-Tool:** Creation of an integral technical platform for all existing and future volunteer pools for the DIZH universities; standardize the platforms of existing pool operators at UZH, which will enable synergies in terms of technical support and further technical development.

- **DigiVox Panel Survey Infrastructure:** A national survey panel specifically dedicated to the study of the social, economic, cultural, political and policy implications of digital media and their interplay with technological developments in Switzerland. Recurring set of questions; buy-in of additional questions possible.

- **The Future of Work Virtual Reality Lab:** Dedicated to exploring whether and how Virtual Reality (VR) technologies can be used to improve the world of work for people; invite broad academic participation and collaboration with practitioners across different sectors and industries

DSI Infrastructures & Labs resulting from the Fall-Call 2021

- **Mind the Patient Lab:** The Mind the Patient Lab (MtP Lab) aims to design, develop and evaluate innovative digital decision aids that help facilitate shared decision-making regarding preference-sensitive clinical choices.

- **One Health Infrastructure:** To foster transdisciplinary research, an IT healthcare system at UZH needs further development to allow for the for the integration of animal and human patients' data. The aim of the project is to pave the way for jointly usable infrastructures to promote collaborative research in human and companion animal health.

- **GIS Hub:** The hub's focus will be on providing support, advice and infrastructure to help students and researchers from across the UZH, and especially in the arts, humanities and social sciences, to realize their own GIS related projects, for example, assisting with data collection strategies, producing maps of research data, carrying out spatial analysis and publishing research results as open data.

DSI Infrastructures & Labs resulting from the 2022 Call

- **BRIDGE Lab:** The Bridge Lab aims to create a collaborative platform as a structural vessel to promote research and innovation; exemplary on the topic of drones used as an urban air mobility solution in the context of the Swiss U-Space implementation.

- **Health Data Repository (HDR):** The aim of the project is to establish an infrastructure needed to store and aggregate existing high-quality musculoskeletal imaging datasets to create and share corresponding data-driven models. The HDR Digital Platform will connect orthopedic medicine and data science addressing structured data storage, accessibility, and findability in musculoskeletal research.

- **PREMIA:** A «Prediction Market with Integrated Algorithms» is an open environment for the research community in Zurich to forecast socially relevant phenomena. This project aims to develop and implement a prediction market with integrated trading algorithms that combines human expertise with artificial intelligence and apply it to a broad range of research questions.

DSI Infrastructures & Labs resulting from the 2023 Call (1/2)

- **MEEET Lab:** The MEEET Lab (Media Existential Encounters and Evolving Technology Lab), a place with unique equipment where technologies – from original writing instruments to the latest gaming equipment – can be used «hands-on». It shall encourage the acquisition of technological and content-related knowledge for teaching at all levels of education as well as the development of innovative forms of teaching. The lab also serves as a meeting and exchange place for research and with the public.

- **Swiss News Viz Media Lab** creates an infrastructure that aims to provide expert tools and methods from the analysis of textual data in the form of a publicly accessible platform for both research and teaching purposes. («Add-on to LiRI»)

DSI Infrastructures & Labs resulting from the 2023 Call (2/2)

- **Talk2UZH («talk to us»):** The Talk2UZH Lab aims to create a collaborative network to explore the application of speech recognition in a secure setting. The basis for this is a UZH-based, multilingual speech recognition software, which is integrated into a survey platform and will be made more easily accessible for UZH researchers. As part of an interdisciplinary pilot project, the usefulness of speech recognition for observational studies, as well as ethical and data protection challenges, will be examined.

- **SDG Research Scout:** The SDG Research Scout infrastructure uses NLP, AI, as well as interactive data visualization and analysis technology to identify content relevant to the UN Sustainable Development Goals (SDGs) in UZH's scientific publications, making it easier for UZH members to engage with SDG-relevant research. («Add-on to ZORA»)

Key Evaluation Aspects for the Committee Members

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1. Infrastructure & Labs. No projects. No funding of fellowships / careers

2. Solid application – Note: Committee members from all faculties, S3IT and Strategic Research Platforms, main criteria:

   – The added value for research is clear and relevant for multiple users

   – The milestone planning is realistic

   – The infrastructure is sustainable

3. Interdisciplinarity

Budget & Matching Funds

Budget

- Money comes from DIZH / directly from the canton, therefore certain rules apply.

- Use of a simplified version of the DIZH budget template.

- Different approach:
  1) What cost are related to my infrastructure/lab?
  2) How are these overall costs funded (by DIZH, by matching funds).

- Calculatory overhead (to represent the overall infrastructure costs of UZH for rooms and central services; 20% of the total project costs) counts as «matching funds».

- Cost for assets are not allowed.

- Difference to DIZH Innovation program funding: no limit for subcontracting, no preliminary work as matching funds.
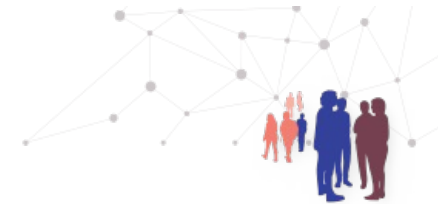
Matching funds

- 50 % of the total project costs must be matched

- 20% of the total project costs is calculatory overhead and counts per default as matching.

- 30% has to be «own contribution»

Own contribution can be:

- material costs paid by university funds (Betriebskredit, Einrichtungskredit or or other university funds from your profit center or institute) or third party grants

- in-kind contribution of your workforce or the workforce of your team (funded by university funds or third party grants) as long as you can confirm that the content of your research is related

- Exception: DIZH funds can't be matching funds

Example for Budget / Matching Funds

TEST	Project name
Digital Society Initiative	*Applicant (name, institute)*
1.6.2023 - 31.5.2025	*Project duration from … to …*

DETAIL	CHF	in %
TOTAL PERSONNEL COSTS	151'443	76%
TOTAL MATERIAL COSTS	8'557	4%
TOTAL DIRECT PROJECT COSTS	160'000	80%
(calculatory) OVERHEAD	40'000	20%
TOTAL PROJECT COSTS INCL. OH	200'000	100%

PROJECT FUNDING:		
TOTAL PROJECT COST INCL. OH	200'000	100%
REQUESTED DIZH FUNDING (50% of project cost incl. OH)	100'000	50%
REQUIRED MATCHING FUNDS TOTAL	100'000	50%

Requiered Matching Funds:		
MATCHING FUNDS TOTAL	100'000	50%
Overhead	40'000	20%
Required own contribution	60'000	30%

Betriebskredit	5'000
Einrichtungskredit	3'557
Total university funds	8'557

content related work funded by SNF-project	51'500
Total third-party funds	51'500
Difference (negative amount = over-matching = OK)	- 57

- To receive maximum funding of 100 kCHF you need a total project sum of 200 kCHF (including calculatory overhead of 40 kCHF)

- => needed own contribution is 60 kCHF

- Of your expected direct costs (160 kCHF) => 100 kCHF will be funded by DIZH = 62.5%

- Your own contribution has to be included in the direct cost section! If you increase your own contribution, the funding increases.

- Play around with the budget template

- Feel free to ask questions.

- Red corners contain explanatory notes.

Questions & Further information

Questions & Further information

Full call text, template for your proposal and budget template (including detailed comments)

https://www.dsi.uzh.ch/en/research/funding/infrastructure-lab.html

General questions:

dsi-labs@dsi.uzh.ch

Specific questions regarding matching funds or budget template:

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