



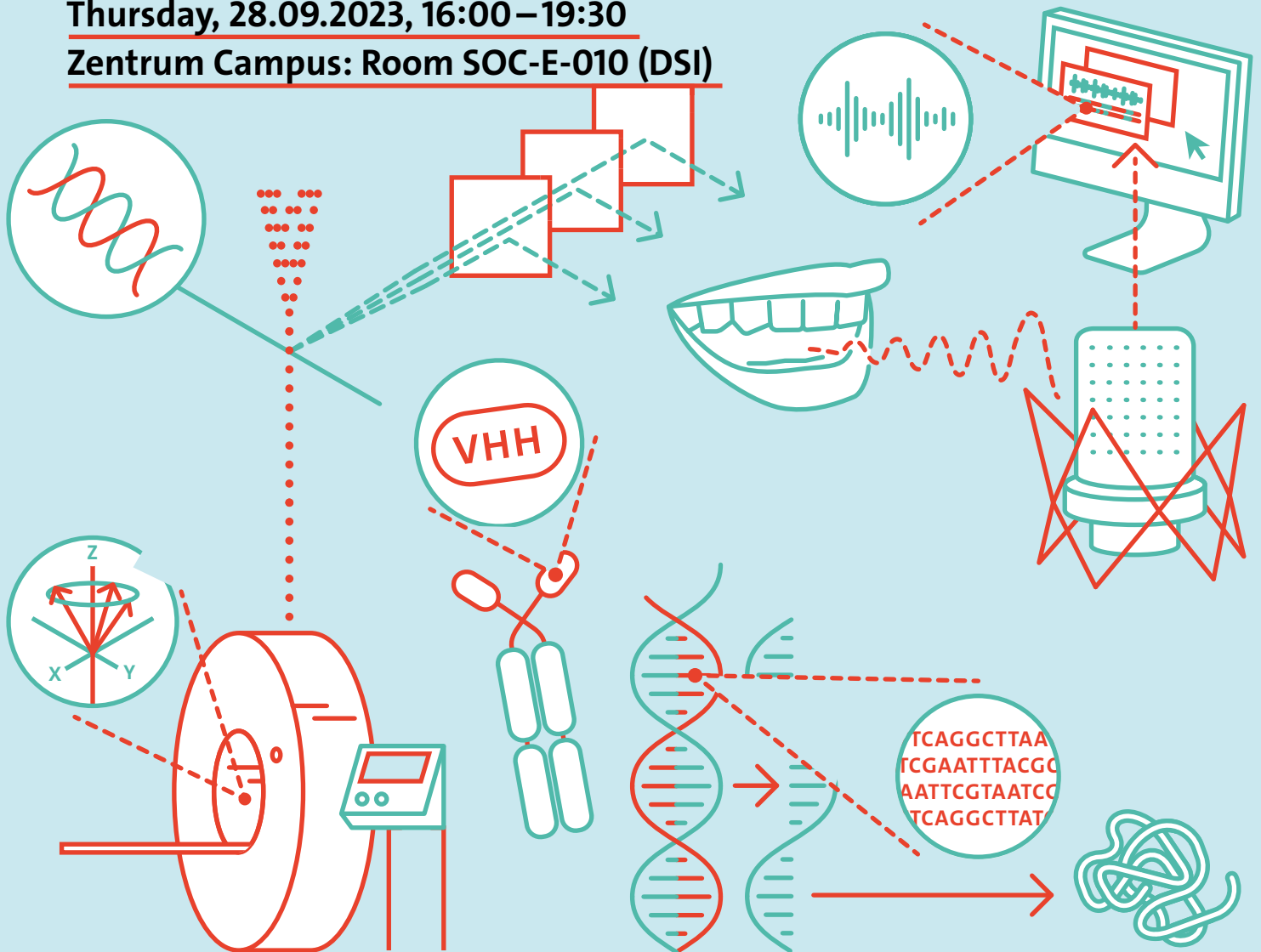
University of
Zurich^{UZH}

DATA TECHNOLOGIES FOR THE HUMANITIES

DISCOVER NEW WAYS
TO GENERATE AND WORK
WITH DATA AT UZH

Thursday, 28.09.2023, 16:00 – 19:30

Zentrum Campus: Room SOC-E-010 (DSI)



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AATTCGTAATCC
TCAGGCTTAT

Please register before
September 21st at



Andreas Saurer
Z-Pool-Tool - the new UZH research participant management system

DSI

The volunteer platform „Z-Pool-Tool“ provides a technical basis for the administration of research participant pools for all scientists working in human research at DIZH universities (PHZH, UZH, ZHAW, ZHdK) and ETH Zurich. It allows the recruitment of participants and their booking for studies including the administration of all necessary activities (e.g. assignment to experimental groups, confirmation of participation, appointment reminders, etc.). All researchers with their own pools can now manage them using this technology platform. All researchers who need access to participants for their research can use the Z-Pool-Tool to obtain an overview of and contacts to all the relevant resources available at the universities of the Canton of Zurich.

Leah Bradshaw, M.Sc.
Phonetic and perceptual analyses of talker variability and identification

LiRI Lab

Leah Bradshaws PhD dissertation is part of the SNSF project “Dynamics of indexical information in speech and its role in speech communication and speaker recognition”, combining the research areas of forensic phonetics and prosodic features of speech and speaker/voice recognition. Leah’s project investigates the role of indexical acoustic properties for discriminating and identifying speakers, and the possibility of using eye-tracking to gain insights into the cognitive processing of indexical speaker information.

Jason Armitage, M.Sc.
Aligning Vision and Language in Embodied AI Tasks

Science IT

A human moving around a busy urban environment is surrounded by signs, moving traffic, and other people. An artificial agent navigating a virtual environment of busy city streets using language inputs is also challenged with determining relevant information in multimodal cues. In this presentation, we introduce the research area of embodied AI with a focus on transformer-based agents in navigation tasks.

Dr. Gilles de Hollander
How the neural representation of numbers steers financial decision-making

SNS Lab

In many real-life decisions, we have to deal with numbers. However, unlike computers, human brains are not particularly good at representing numbers, especially as the numbers get larger. In a series of experiments, we showed where and how the brain represents numbers, why some people might be better than others with numbers and how this affects their financial decision-making.

Severin Rüegg
»Sammlung Digital«. Publishing Collections and Archives as Linked Open Data

SARI

Accessibility, interoperability and reusability are pivotal to the successful publication of cultural heritage data. With the project »Sammlung digital«, the Stiftung für Kunst, Kultur und Geschichte (SKKG) is taking a pioneering role by publishing the catalogue of its unique and extensive collection as semantic data and, thus, creating an openly accessible knowledge hub in the digital space. The presentation will elaborate on the motivation, the goals, and the implementation concept of this project.

Irina Matti, M.Sc.
PARES/Prototyping Workflows for Digital Editions

Center Digital Editions

This project takes the existing challenges of the reusability of the data and the durability of the technically demanding frontends as a starting point to further develop existing approaches to cross-project ORD practices. A particularly critical moment from an ORD perspective concerns the conception phase and respective workflows of projects, as it is here decided whether or not the foundations for later reusability and permanence are laid. The project develops important knowledge about viable processes aligned with community standards and promotes a common understanding for the implementation of ORD principles under usage of prototypical workflows and involvement of important stakeholders.

Prof. Dr. Maria J. Santos
Imag(in)ing spectroscopy for human-nature interactions

ARES / APEX

The understanding of human-nature relationships requires, in many cases, an understanding of the spatial relationships of humans within natural ecosystems and how these relationships affect resilience of social-ecological processes. Several existing and emerging data sources are starting to enable to concurrent quantitative and qualitative assessment of important variables for social-ecological processes. Remote sensing imagery, collected at different spatial and temporal resolutions is being growingly used to understand these processes. Yet, issues related to spatial resolution, temporal resolution and thematic resolution constrain which human-environment relationships can be examined with remote sensing data. In this talk I will first provide a set of examples of how remote sensing data is currently being used for sustainable development goals, humanitarian purposes and conflict assessment. In the later part of the talk I will zoom in in a particular type of technology - imaging spectroscopy - and discuss how the improvement in thematic resolution may help our understanding of human-nature interactions.

Dr. Florian Kräutli
»Bilder der Schweiz Online«. Research and Collection Data for Art History and the Digital Humanities

SARI Research

»Bilder der Schweiz online« is a joint initiative by the University of Zurich and the Fehlmann Family Foundation. It connects digitised visual resources from various museums and collections into a single, openly accessible research portal using semantic data technology. By combining collections data with openly available Linked Data resources, crowd-sourced geo-referencing, and computer vision, the portal provides indispensable resources for further research and didactic contexts.

Dr. Stefan Nellen
Experiences of the Swiss Federal Archives with Automated Metadata Anonymization

LiRI LangTech

How to make metadata containing sensitive personal data accessible online? Automated anonymization of metadata with machine learning

Please register before September 21st at <https://ema.uzh.ch/RJW7N>. Organized by the Office of Strategic Research Platforms. Contact: remo.sprecher@uzh.ch

PROGRAM

Thursday, 28.09.2023, 16:00 – 19:30 | Zentrum Campus: Room SOC-E-010 (DSI)

Welcome: Prof. Dr. Elisabeth Stark, Vice President Research

Intro: Dr. Thomas Trüb: What are technology platforms and how to use them

	Plenarsaal	Schrödinger	Digital Library Space
16:45 – 17:00	DSI	SARI	SNS Lab
17:15 – 17:30	LiRI Lab	Center Digital Editions	ARES/APEX
17:45 – 18:00	Science IT	LiRI LangTech	SARI Research

After presentations - Aperó with Platform Booths for further Questions