UNIVERSITÄT BERN

Unil.

LESSH Workshop - LOD at the Age of AI

Date: December 8th, 2026 - Location: UNIBE, Uni Hauptgebäude - Raum 028

9h30	Welcome coffee

10h00 - 12h30 Part one: LESSH and other projects on focus

10h00	LESSH: Producing A Connected Linked Elites Knowledge Graph - Stephen Hart *Creating a reproducible Strings to Linked Things workflow*
10h20	LESSH: Facilitating the Reuse of Information with AI - Matteo Boi *Generating SPARQL queries with Large Language Models*
10h40	LESSH: Accessing the Linked Elites Cloud - Francesco Beretta *Producing federated queries with the SPARQL-LLM environment*
11h00	*Break*
11h15	SPARQL-LLM: a domain-agnostic approach for answering questions over scientific knowledge graphs - Vincent Emonet *Knowledge Graphs and LLM in the domain of bioinformatics*
11h45	What is LINDAS and how can we keep Semantics aligned across multiple organizations? - Claudio Di Gallo Connecting knowledge graphs
12h15	General discussion

12h-30 - 13h30 Lunch Break

13h30 - 15h30 Part two: Hands-on

13h30	Hands-on 1: Exploring the Linked Elites Knowledge Graph *This first hands-on will focus on creating SPARQL queries for the Swiss Elites database with the LLM tool.*
14h30	Hands-on 2: Exploring the LOD Cloud *This second hand-on will show the possibility of the SPARQL-LLM tool to explore other Knowledge Graphs.*

15h30- 16h00 Final Discussion