

Session Program

7-9 Oct 2026

OSSYM 2026 - 8th International Open Search Symposium "Boosting Digital Sovereignty"

Science Track

CODE University of Applied Sciences, Berlin, Germany

Wednesday 7 October

11:00

Science Track: Retrieval

Session | **Location:** CODE University of Applied Sciences, Berlin, Germany

11:00-11:01 **Science Track: Retrieval**

Speaker

Session Chair: tbd

11:01-11:20

OURS & YOARS: Open Platforms for Sovereign Web Retrieval and Agentic Information Access

Speaker

Michael Granitzer; Mohammed Al-Maamari; Laura Caspari; Michael Dinzinger; Kanishka Ghosh Dastidar; Dang Dang Hai Dong; Jelena Mitrovic; Saber Zerhoudi (University of Passau); David Ciz (IT4Innovations)

11:20-11:40

Adaptive Unsupervised Topic Modeling for Domain Focused Web Search

Speaker

Hema Pandey (DLR)

11:40-12:00

An Open-Source Retrieval Layer for Institutional RAG: From Authenticated Crawl to Searchable Index

Speaker

Noor Afshan Fathima; Juan Manuel Guijarro, Andreas Wagner (CERN); Alexander Nussbaumer (Graz University of Technology)

12:00

Thursday 8 October

13:45

Science Track: Spatial modeling

Session | **Location:** CODE University of Applied Sciences, Berlin, Germany | **Convener:** Session chair: tbd

13:45–13:46 **Science track: Spatial modeling**

Speaker

Session chair: tbd

13:46–14:05

Extraction Of Geospatial Disaster Related Information From Web News And Text Data

Speaker

Vanessa Rittlinger (DLR)

14:05–14:25

Proposed Methodology for Open Search Infrastructure leveraging federated RAG-systems and open source Speech Intelligence for cross-domain collaboration featuring Disaster Management, Traffic Flow Prediction and Literature Studies

Speaker

Prof. Dr. Engelbert Niehaus, Jonah Schuster, Maximilian Stoffel, Walter Kühn, Jörg Rapp (RPTU University Kaiserslautern-Landau)

14:25–14:45

A Spatially Enabled Search System For Hydrological Publications: A Demonstration

Speaker

Xuke Hu; Jens Kersten; Friederike Klan (DLR); Lina Stein (RPTU University Kaiserslautern-Landau)

14:45

Friday 9 October

12:15

Science Track: Crawling

Session | **Location:** CODE University of Applied Sciences, Berlin, Germany | **Convener:** Session Chair: tbd

12:15-12:16

Science Track: Crawling

Speaker

Session Chair: tbd

12:16-12:35

Estimating Absolute Web Crawl Coverage From Longitudinal Set Intersections

Speaker

Michael Paris (Humboldt Universität zu Berlin); Fabian Baumann (University of Pennsylvania); Grigori Paris (Independent Researcher)

12:35-12:55

A Focused Crawling Strategy to Enhance Geoscience Data Retrieval

Speaker

Tobias Hecking (DLR), Raphael Frühwirth; Christian Gütl; Alexander Nussbaumer (TU Graz)

12:55-13:15

Measuring Crawler Lock-in: Translating Scheduling Preferences Into Language Coverage For Common Crawl

Speaker

Michael Paris (Humboldt Universität zu Berlin); Sebastian Nagel (Common Crawl Foundation)

13:15