

Supporting Open Science - A Knowledge Graph Research Infrastructure

**EOSC
SYMPOSIUM
2022**

Organiser: NAJLA RETTBERG, RDA

Moderator: Jan Wiebelitz, L3S

Date: MONDAY 14 NOVEMBER

Time: 15:00 PM – 16:30 PM

Room: ZENIT | [Webex](#)

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ABOUT THE SESSION

Scientific Knowledge Graphs provide the means for a structured representation of information and thus facilitate Open Science by connecting scholarly artefacts.

The represented information range from research artefacts (e.g. publications, data, software, samples, instruments) and items of their content, research organisations, researchers, services, projects, funders and more.

Currently Knowledge Graphs are implemented as Research Infrastructures addressing, each of them comprises information from various sources, connecting and enriching these information. The federation of Knowledge Graphs would provide various benefits serving the development of an integrated RI ecosystem.

CONTEXT

From the upcoming HORIZON Work Programme 2023-24

„Science Knowledge Graphs (SKGs) are essential and flexible tools to monitor and track events of science linked to provenance, publishing, citation, data processing, data and software usage, service consumption. SKGs provide an underlying interconnected graph of science events that DMPs can link to, but their application goes far beyond this, and related impact services can allow SKGs to visualise the research activity, through open science indicators, bibliometrics, quality, performance, impact, popularity, etc. „

AGENDA



OpenAIRE Research Graph
Paolo Manghi (OpenAIRE)



DataCite PID Graph
Sarala Wimalaratne (DataCite)



CERIF Graph
Jan Dvořák (EuroCRIS)



Open Research Knowledge Graph
Markus Stocker (TIB)

Open Science Graphs for FAIR Data
Paolo Manghi (OpenAIRE)

PANEL DISCUSSION – MONDAY 14 NOVEMBER

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Paolo Manghi
OpenAIRE



Sarala Wimalaratne
DataCITE



Jan Dvorak
EuroCRIS



Markus Stocker
Open Research Knowledge Graph

Thank you for joining our session!

A session that might be of interest for you

Semantic Interoperability in EOSC, Thursday, 17. November 11:00 – 12:30, room Kepler

Interlinking - interaction between data, publications and PIDs e-IRG Workshop, 12-13 December, Prague