



e-IRG Workshop under French EU
Presidency

Workshop 30-31 May 2022

Session III: Cross-e-Infrastructure collaboration and coordination (network, computing, data)

euroCRIS – Research Information Exchange and Aggregation Across Institutions, Regions, Countries

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What is a CRIS?

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Current research information system

From Wikipedia, the free encyclopedia

A **current research information system (CRIS)** is a database or other information system to store, manage and exchange contextual metadata for the research activity funded by a research funder or conducted at a research-performing organisation (or aggregation thereof).^[1]

CRIS systems are also known as Research Information Management or RIM Systems (RIMS)^{[2][3]}

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Features [edit]

The data model underpinning a CRIS relies on a set of basic entities as defined by the Common European Research Information Format (CERIF) model maintained by the non-profit organisation euroCRIS.

The links connecting these entities provide a standardised semantic layer that provides consistency to the data model. The basic CERIF entities are **people, organisations, projects and outputs** (publications, research data, patents). Further second-level entities in the comprehensive snapshot of research provided by CERIF are for instance funding, research facilities and equipment or skills.

CERIF: Common European Research Information Format



Mission

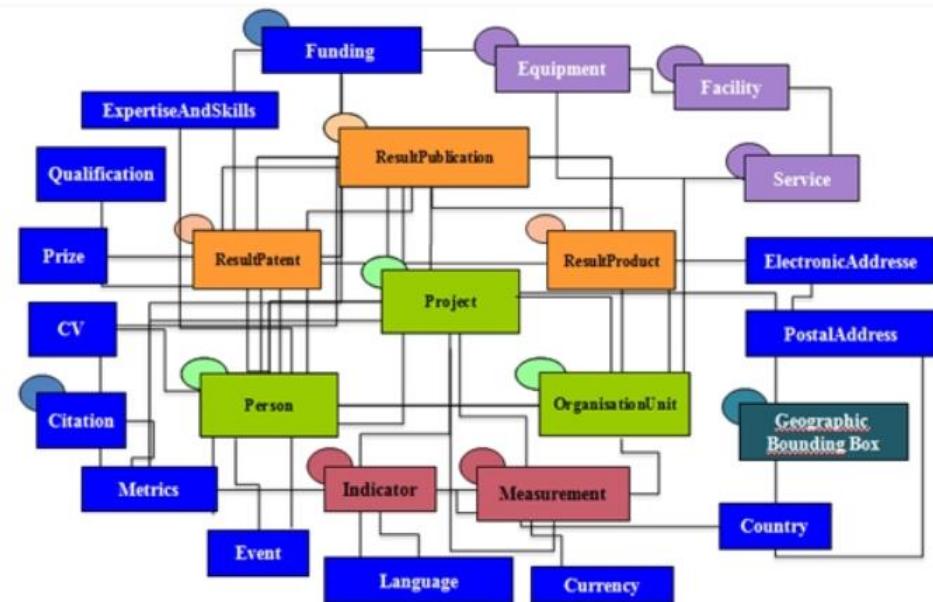
"To promote collaboration within the research information community and advance interoperability through CERIF"



Main features of CERIF

CERIF (the Common European Research Information Format) is:

- A concept about research entities and their relationships – Specification (Conceptual Level)
- A description of research entities and their relationships – Model (Logical Level)
- A formalization of research entities and their relationships – Database Scripts (Physical Level)



Browse

Search the Directory of Research Information System (DRIS)



Discover

Country

India	362
Norway	132
Italy	76
United Kingdom	72
United States	43

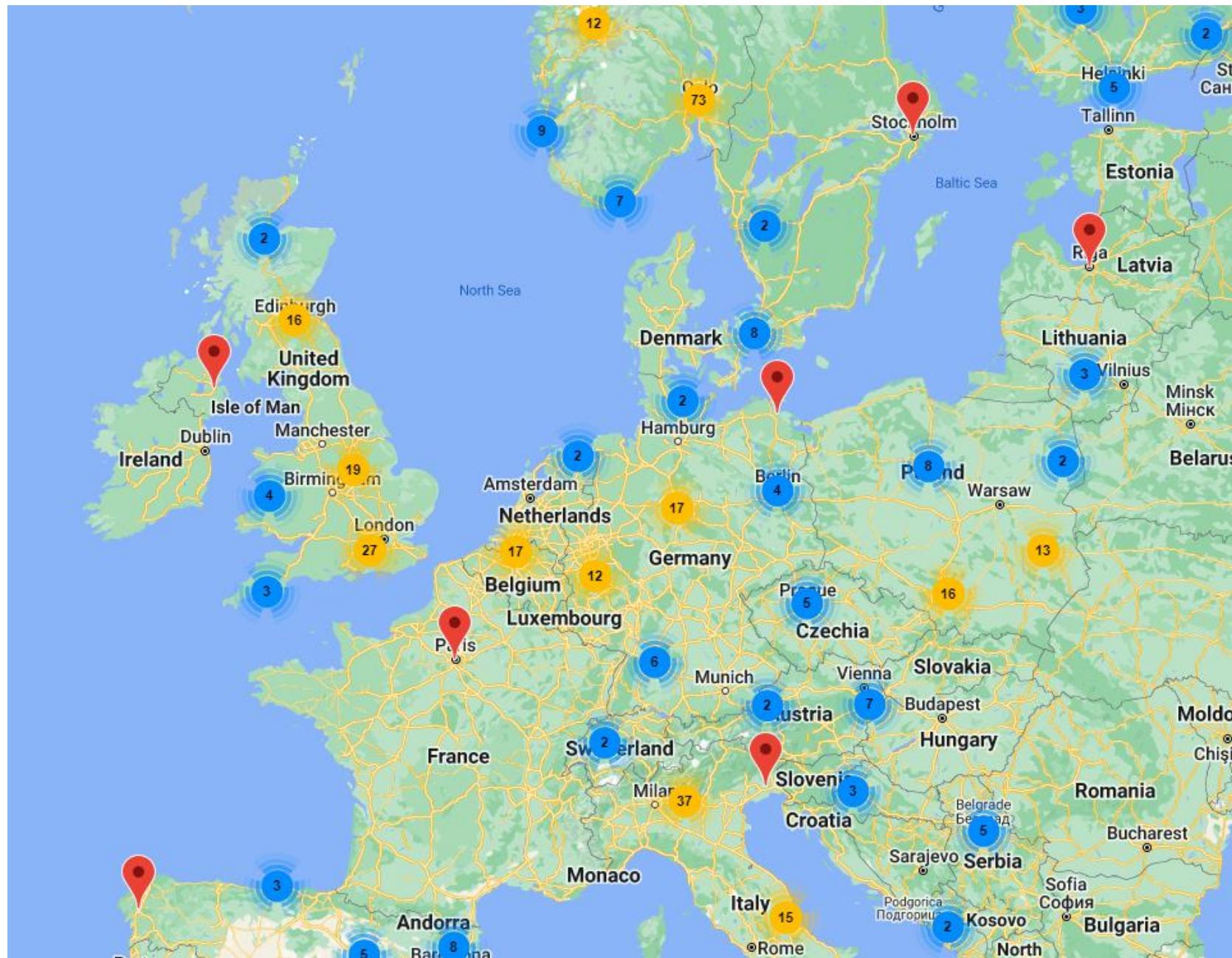
Software

IRINS	361
Pure	172
CRISTin	131
In-house-built	74
IRIS	70

Status

Operational	945
Under Construction ...	22
Closed ...	2
In Preparation ...	1

<https://dspacecris.eurocris.org/cris/explore/drис>



Advantages of interlinked CERIF entities

University of Strathclyde Glasgow

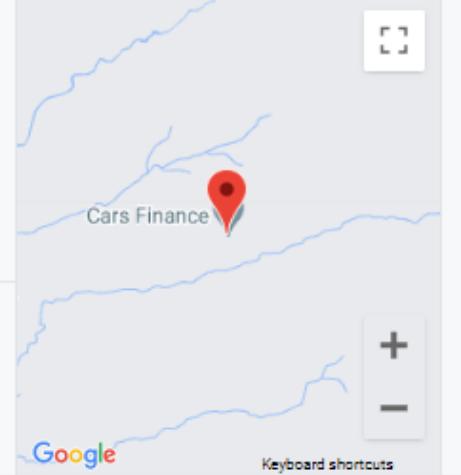
Home Profiles Research Units Research output Projects Datasets **Equipment** ...

Search... 

Kelvin Hydrodynamics Laboratory

Sandy Day (Manager)
Naval Architecture, Ocean And Marine Engineering
Facility/equipment: Facility

Location
United Kingdom



Keyboard shortcuts

 Overview  Fingerprint  Research output (12)  Datasets (1)

 Equipment Details

Contact information

Advantages of interlinked CERIF entities



Find Research Data

 [Advanced search](#)[!\[\]\(e8fb589d58dad1692debababa5e928b6_img.jpg\) Search in all content](#)

1 - 25 out of 739 results

[Start date \(descending\) >](#)[Export search results](#)**Filters for Datasets**

Publication Year

- 2022 (7)
- 2021 (88)
- 2020 (175)
- 2019 (155)
- 2018 (90)

[Show all >](#)

Person

- J.C.F. de Winter (73)
- S.P. Hoogendoorn (42)

COSTA MODEL: Hierarchical carbonate reservoir benchmarking case study

Geiger, S. (Creator), TU Delft - 4TU.ResearchData, 2022

DOI: <https://doi.org/10.17861/6e36e28d-50d9-4e31-9790-18db4bce6e5d>*Dataset/Software: Dataset***Code accompanying the paper "Validating human driver models for interaction-aware automated vehicle controllers: A human approach"**

Siebinga, O. (Creator), Zgonnikov, A. (Creator) & Abbink, D. A. (Creator), TU Delft - 4TU.ResearchData, 22 Oct 2021

DOI: [10.4121/16847203](https://doi.org/10.4121/16847203), <https://github.com/tud-hri/irlmodelvalidation> and one more link*Dataset/Software: Software*

euroCRIS: promoting collaboration



Home

Venue

Call For Proposals

Programme

Registration

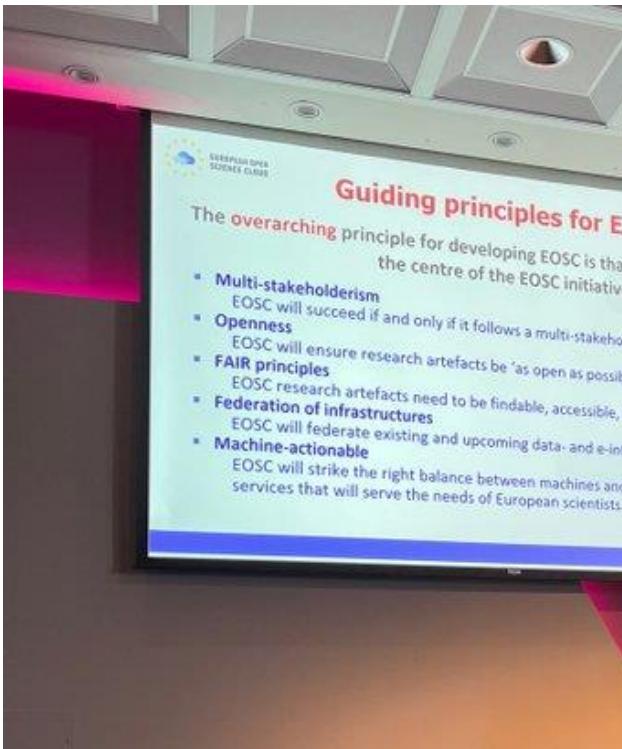
Organizers

Contact



LINKING RESEARCH INFORMATION ACROSS DATA SPACES

15th International Conference on Current Research Information
Systems (CRIS2022)
Dubrovnik, Croatia
May 12-14, 2022



If in 2040 50
publications
possible

← Tweet



euroCRIS_Org
@euroCRIS_Org

...

top-quality panel at the #RISSynergy WS at #CRIS2022. Good representation for the wide 'family' of European national/regional #CRIS

#PRC @rdelavega, #FRIS IIs de Bal #ResearchFI @HPuuska among others



D4RI: Where do we stand?

Key metrics

31 sources¹⁾
... from 21 countries

5.3 million projects
... of 200+ funders

400,000 organisations

750,000 researchers

11 million outputs

Overview of sources

Albania	Czech Republic	France	Poland
• E-CRIS	• IsVaVAl	• scanR	• RADON
Austria	Germany	Croatia	Serbia
• FFG	• FoKat	• HRZZ	• E-CRIS
• FWF	• GEPRIS	Hungary	Sweden
Bulgaria	Estonia	• NFKI	• SWECRIS
• BulCRIS	• ETIS	• NRDI	Slovenia
Bosnia- Herzegovina	Spain	Latvia	• SICRIS
• E-CRIS.BH	• FECYT	• ScienceLatvia	United Kingdom
• E-CRIS.RS	EU	North Makedonia	• UKRI-GTR
Switzerland	• Cordis	• E-CRIS	Kosovo
• ARAMIS	• Kohesio	Norway	• E-CRIS
• P3	Finland	• CRISTIN	OpenAIRE
	• ResearchFI		Re-searchAlps

Sources: D4RI Policy
1) Raw, non-unique data



CroRIS – as a Service Catalogue of HR-OOZ





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Thanks!

Any questions?

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