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University Computing Centre

The Role of CRIS as a Glue for National e-infrastructure and Digital Services for Open Science

Petra Udovičić, Mia Matijašević, Lucija Vusić, Marin Hanić,

Neven Balenović, Ognjen Orel

University of Zagreb, University Computing Centre – SRCE



University Computing Centre – SRCE



Organisation

~ 180 employees
11 organizational units
3 locations



**Builds and operates national
e-infrastructure and digital services**
**30 public services for the needs of
the academic and scientific
community in Croatia**



**Supports digital
transformation of education,
research and business**
**Promotes Open Science and
Open Education**



Service Catalogue



Computing and networking

Access to computer resources for demanding calculations.
Infrastructure for higher education and science.



Trust and identity

Ensuring safe, reliable and efficient electronic identity
management.



Data, repositories and open science

Storage and open sharing of data and other results of
operations in science and higher education.



Administration and business

Development and maintenance of information systems
important for the work of institutions from the system of higher
education and science.



Digital education

Development of digital competences and provision of support
to institutions, teachers and students for the application of
e-learning technologies and tools.



Digital tools

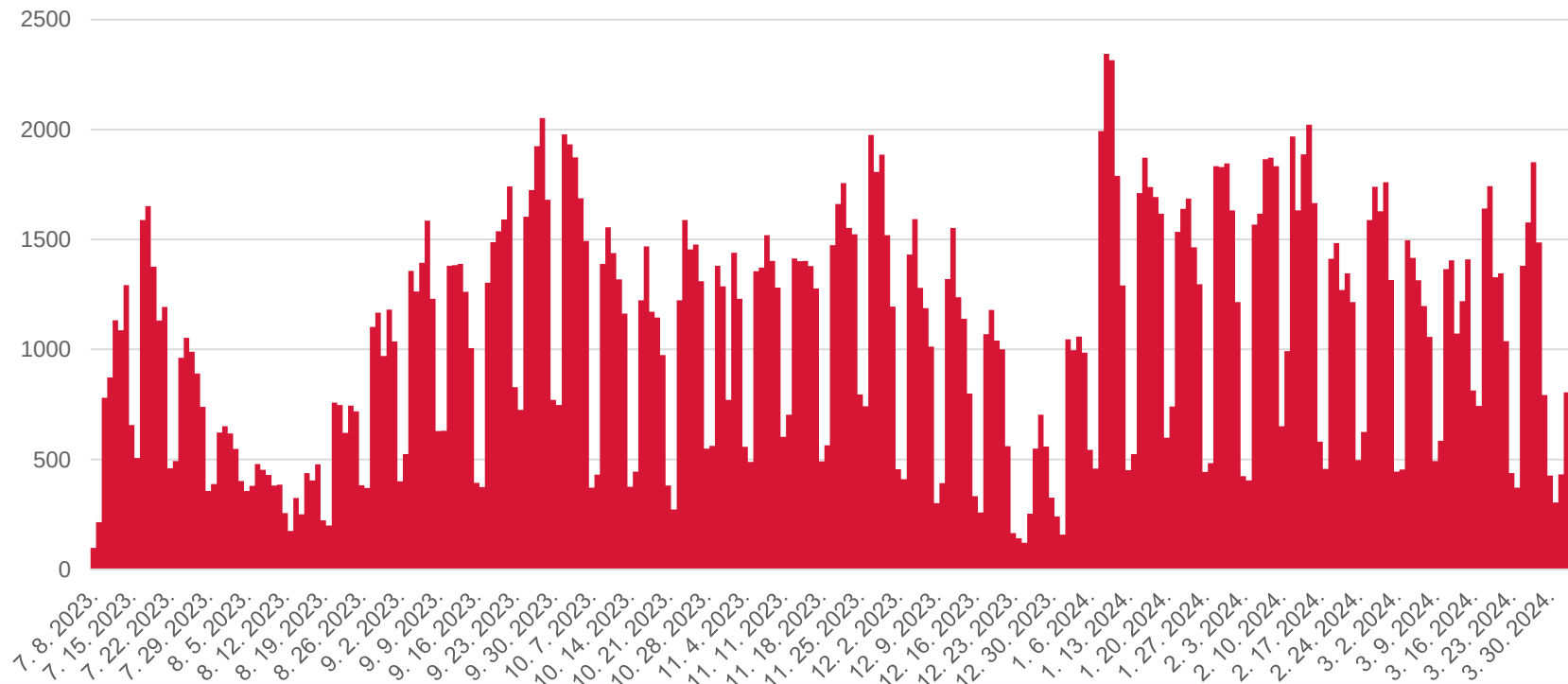
Tools that enable or facilitate the performance of tasks in a
digital environment.

CroRIS - From a Project to a Full-scale Living System



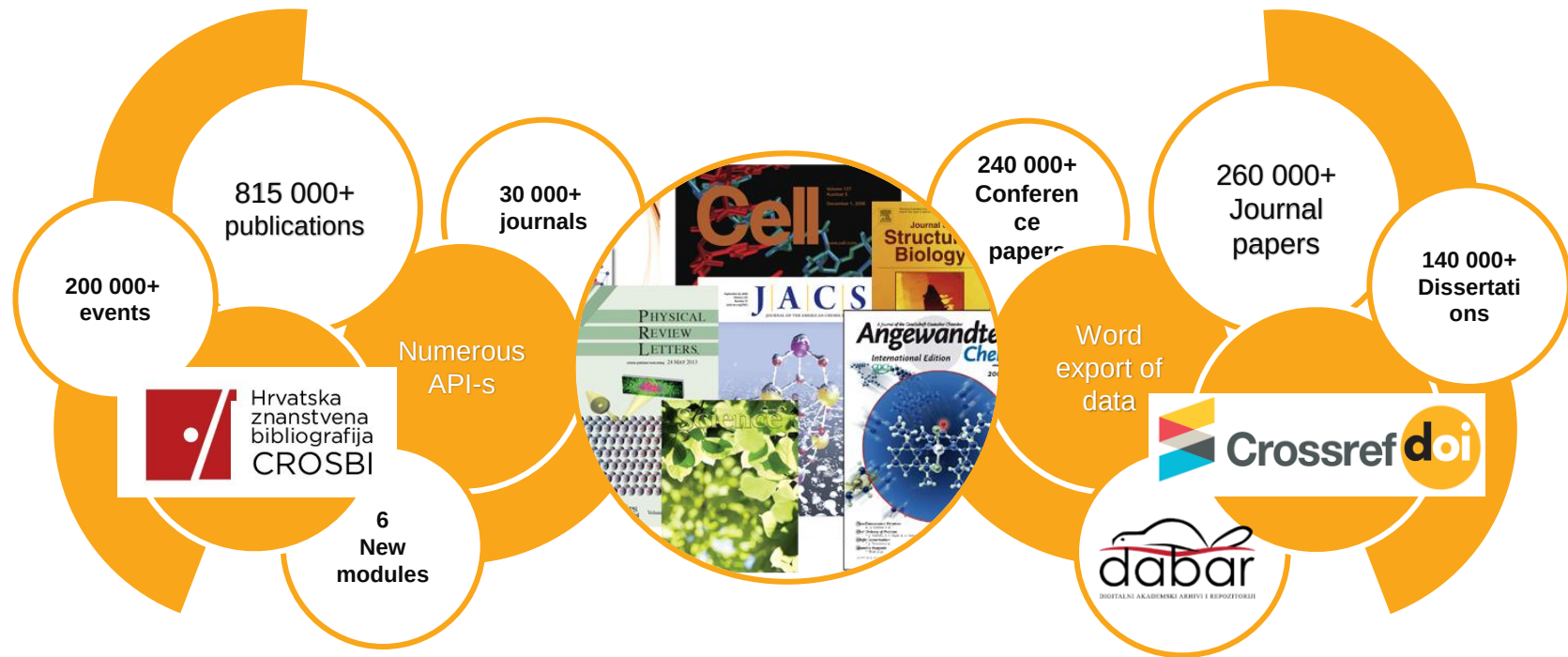


Number of users logged in per day



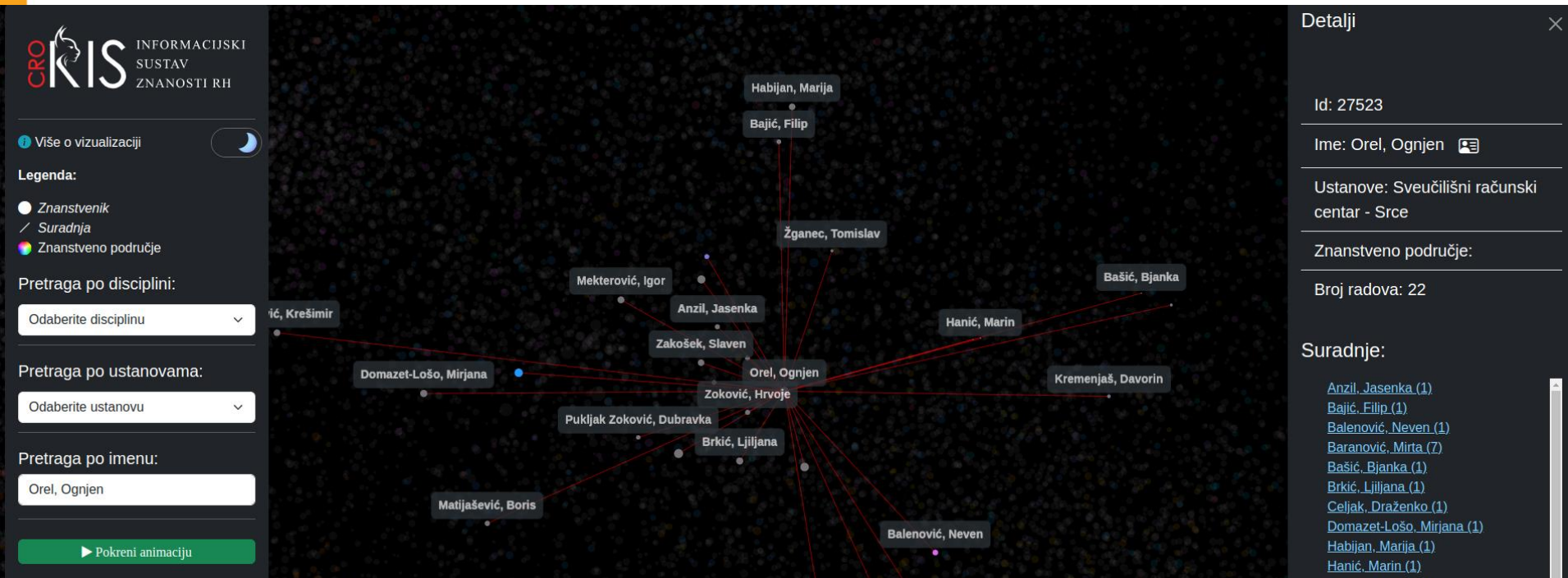


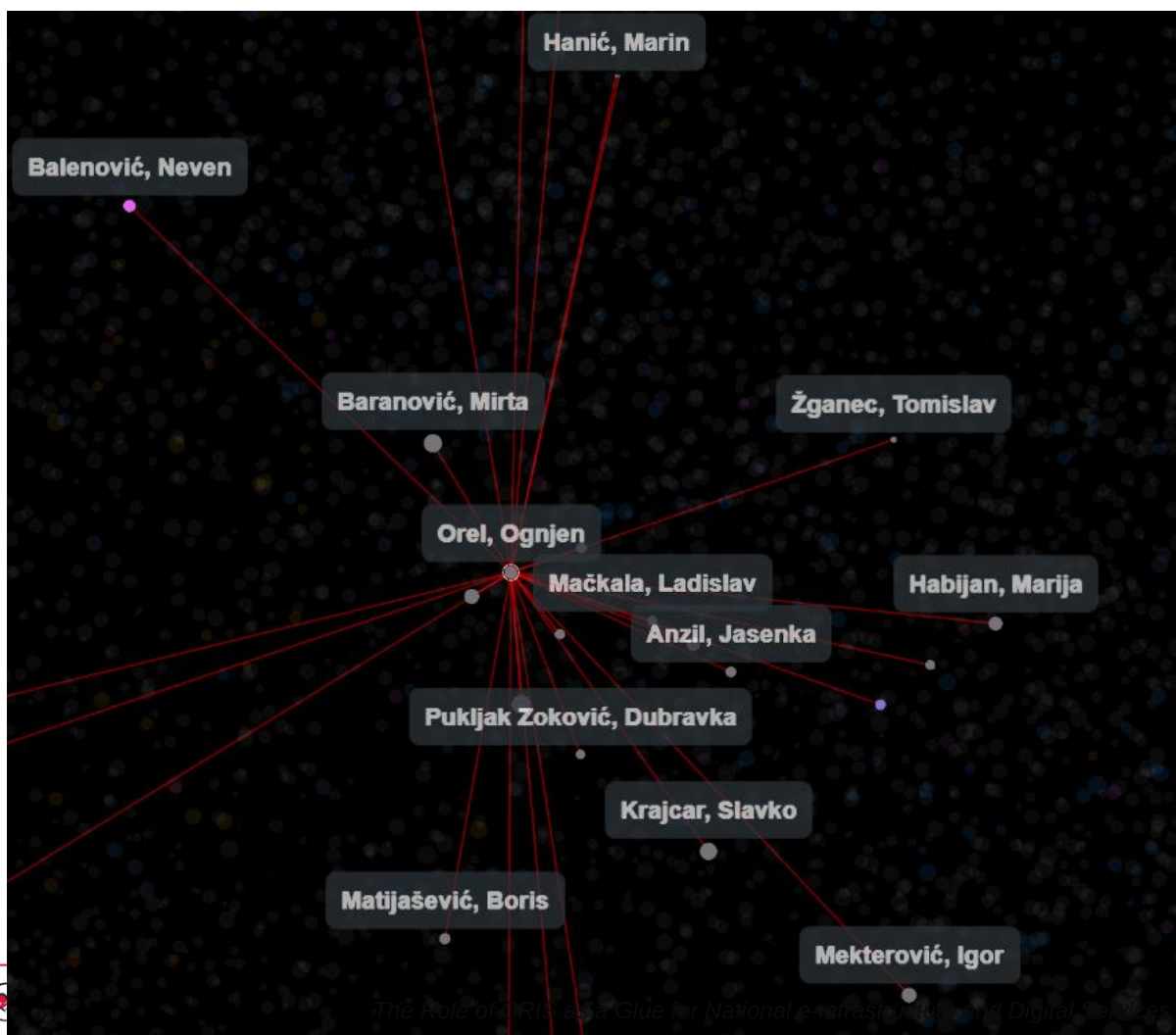
Croatian scientific bibliography CROSBİ



Crosmos

- collaboration graph





Detalji

Id: 27523

Ime: Orel, Ognjen 

Ustanove: Sveučilišni računski centar - Srce

Znanstveno područje:

Broj radova: 22

Suradnje:

[Anzil, Jasenka](#) (1)

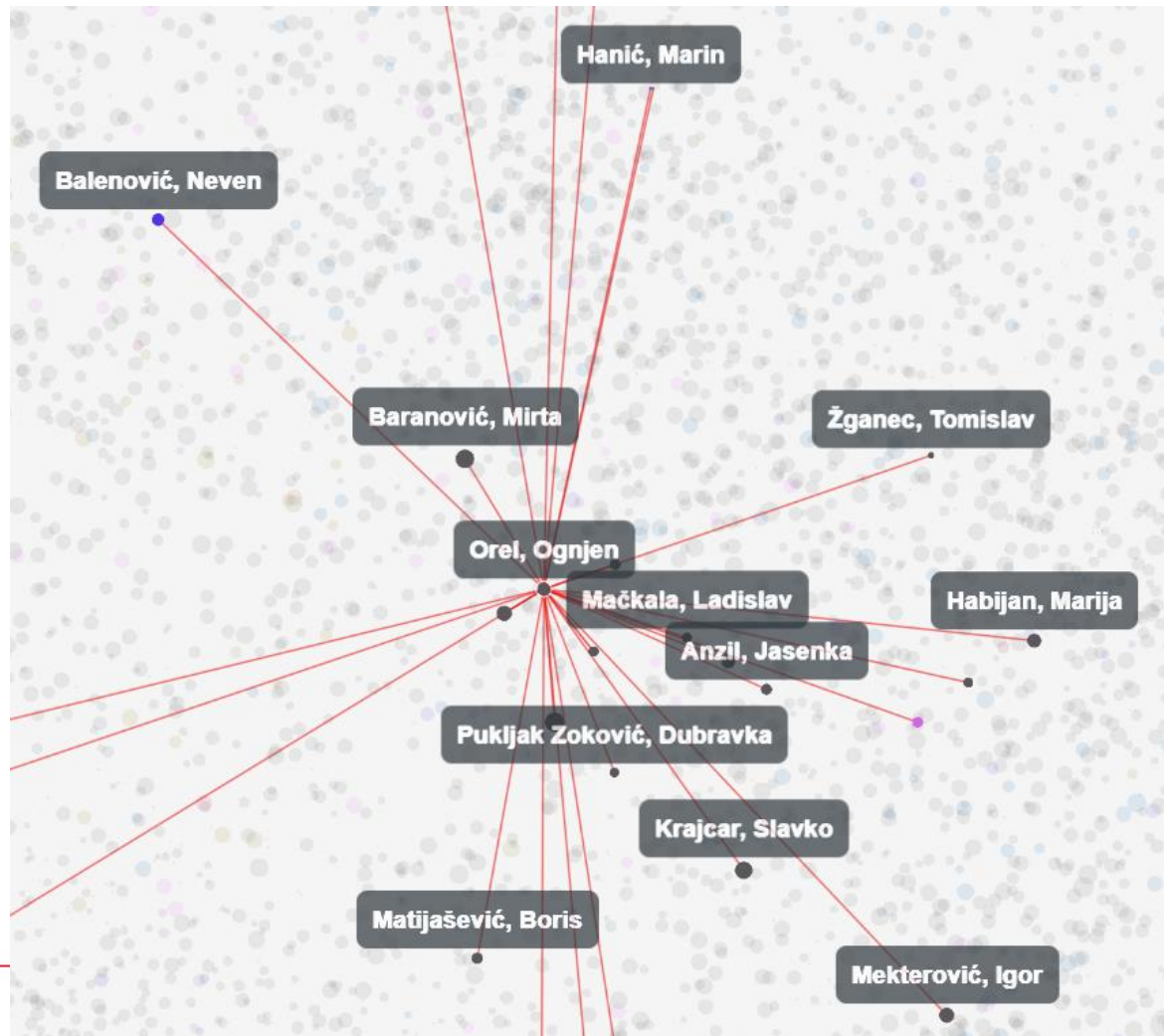
[Bajić, Filip](#) (1)

[Balenović, Neven](#) (1)

[Baranović, Mirta](#) (7)

[Bašić, Bjanka](#) (1)

[Erkić, Ljiljana](#) (1)



Export of resumes (CVs) within CroRIS





Ognjen



Login name
ognjen@srce.hr

First name
Ognjen

Title before name
dr. sc.

Identification number of the scientist
310853

Email
ognjen@srce.hr; ognjen.orel@srce.hr

Personal data

About me

Activity

Vocations

Education



REPUBLIKA HRVATSKA
Ministarstvo znanosti i
obrazovanja



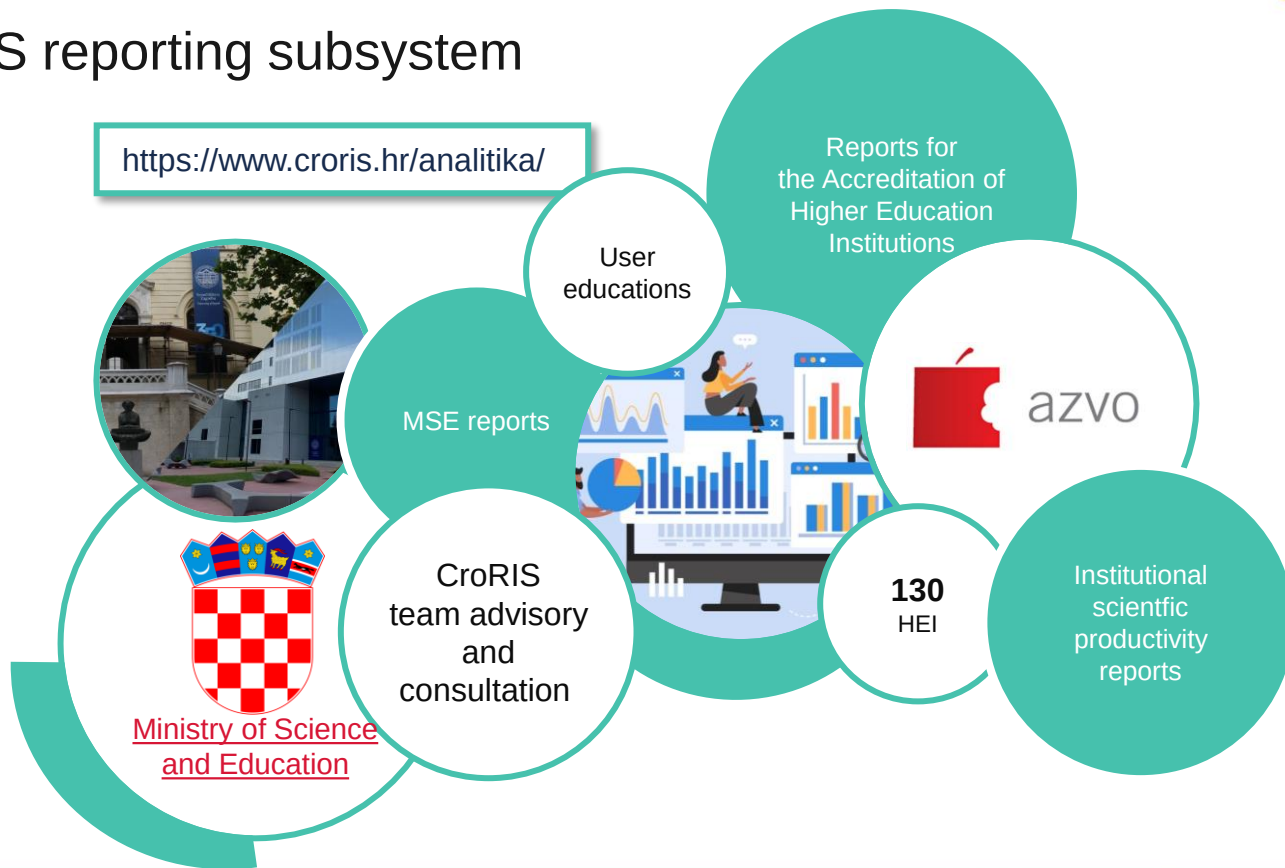
INFORMACIJSKI
SUSTAV
ZNANOSTI RH

Curriculum Vitae

- 1. Name and surname**
dr. sc. Ognjen Orel
- 2. Education (chronologically starting from the most recent)**
 - a. Level, university/department, area, year, doctoral thesis title and year of completion
doktor znanosti, Fakultet elektrotehnike i računarstva, Računarstvo, No data for currently selected data language, 2017.
 - magistar znanosti, Fakultet elektrotehnike i računarstva, Računarstvo, No data for currently selected data language, 2008.
 - visoka stručna sprema, Fakultet elektrotehnike i računarstva, Računarstvo, No data for currently selected data language, 2001.
- 3. Work experience (chronologically starting from the most recent)**
15.10.2001. - , Ostalo, Stalno, Sveučilišni računski centar - Srce
- 4. Professional, scientific, academic experience and accomplishments**
 - a. Ongoing and finished participation in projects
voditelj na ustanovi - Znanstveno i tehnološko predviđanje
 - voditelj na ustanovi - e-Sveučilišta
 - b. Scientific/professional awards



CroRIS reporting subsystem



National Open Science Cloud Initiative & Services for Researchers



Croatian Open Science Cloud (HR-OOZ) Initiative



HR-OOZ Initiative

- SRCE, as a mandated organization of the Republic of Croatia, became a full member of the EOSC association in December 2020, with the role of coordinating national initiative for open science
- Gathering of all significant stakeholders in the Croatian science and higher education system during 2021
- Memorandum of Understanding signed in September 2021

GOALS

National Open Science Cloud (HR-OOZ)

National Open Science Plan

<https://www.srce.unizg.hr/en/hr-ooz>

Advanced Computing



Croatian competence centre for HPC

<https://www.hpc-cc.hr/>

77
educations
held

HPC
advisory and
consultation

Competences in
HPC/HPDA/AI

19
companies

7
public
institutions

Uvod u korištenje
platforme Galaxy

Pristup i korištenje
resursa Supek i Vrančić



Sufinancira
Europska unija



HRVATSKI CENTAR
KOMPETENCIJA
ZA HPC



@srce

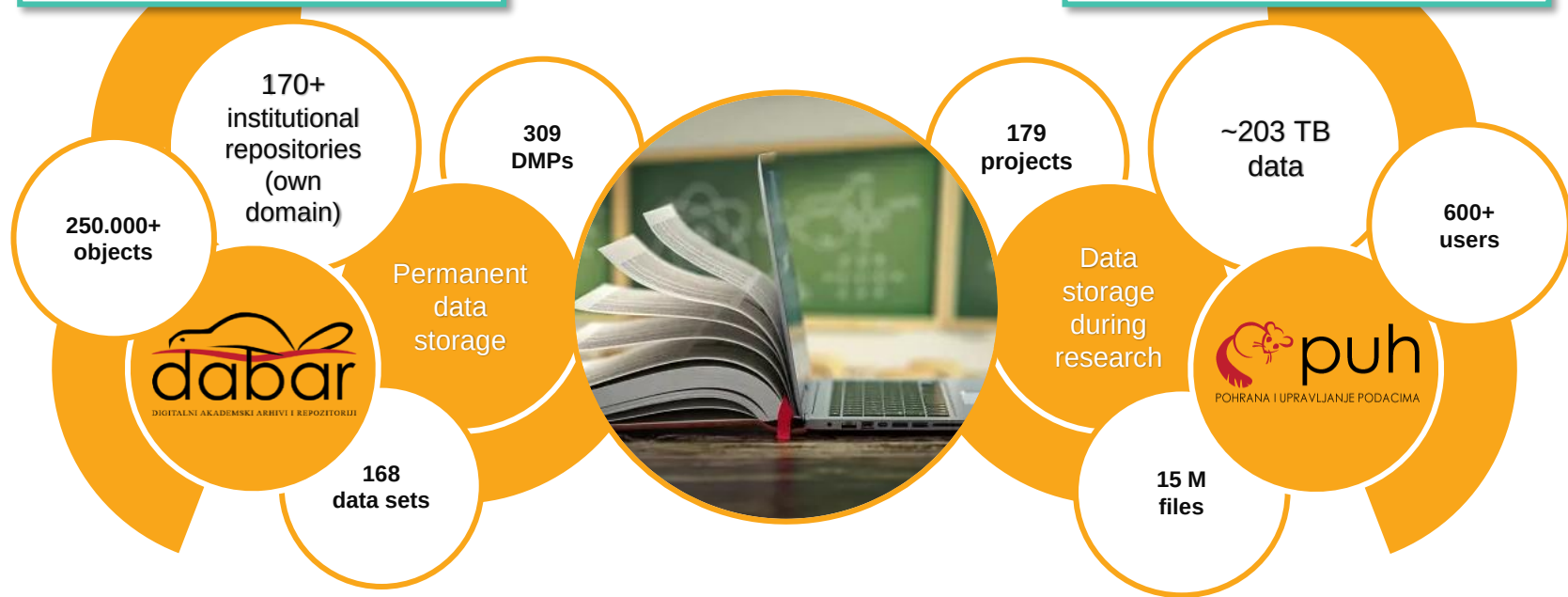




Data Infrastructure and Services

<https://dabar.srce.hr/>

<https://www.srce.unizg.hr/puh/>



All Together

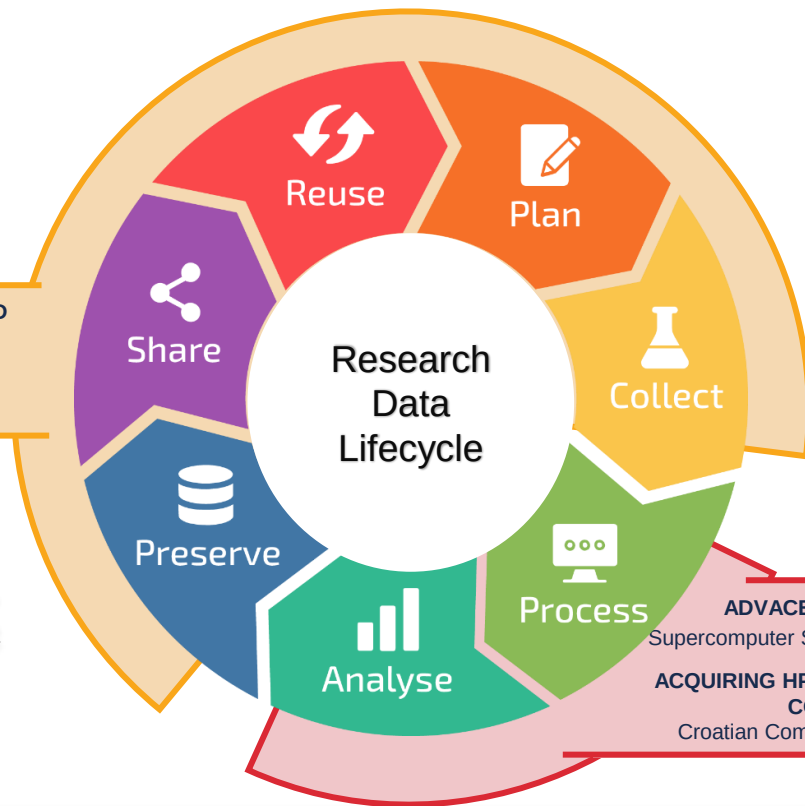
INFORMATION SUPPORT



Croatian Research
Information System

DATA, REPOSITORY AND OPEN SCIENCE

Dabar | Hrčak | Puh
Support to Open Science



Supek

ADVANCED COMPUTING

Supercomputer Supek | resource Vrančić

ACQUIRING HPC COMPETENCE AND CONSULTING

Croatian Competence Center for HPC

Education and provision of specialized support in the use of digital resources and services



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