

Title: CroRIS development update**Presenters:** Neven Balenović *, Davorin Kremenjaš *, Ognjen Orel *

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Kind of activity: Presentation**Abstract:**

As a part of the Scientific and Technological Foresight project (STF), led by the Croatian Ministry of science and education, University Computing Centre (Srce), with the help of the Centre for scientific information of the Ruđer Bošković Institute, is creating a national, Croatian research information system, abbreviated as CroRIS. CroRIS is designed as a CERIF-based national research information system that will integrate a large amount of data regarding research in Croatia, including data about researchers, institutions, projects, publications, products, patents, equipment, services etc.

In this talk, we will address the development and implementation milestones achieved in the last 6 months. On top of general information, the talk will be focused on challenges we faced and their solutions, such as data curation and long-term insurance of the data quality, multilingualism and others.

New program modules – “Equipment and Services” and “Projects” – were developed and released. These modules reimplement the Database of Scientific Equipment (*Šestar*) and the Database of Project Activities in Science and Higher Education in Croatia (POIROT). In collaboration with the Croatian Open Science Cloud (HR-OOZ) Initiative, the “Services” submodule has been expanded in such a way that CroRIS can now serve as a NOSC services catalogue.

In recent months, one of the focuses has been the development of the “Publications” module (CroSBI) as a reimplement of the existing Croatian Scientific Bibliography (CROSBI), which was developed and maintained by the *Ruđer Bošković* Institute. Current efforts include cleansing and importing data from CROSBI, as well as development of the user interface and related applications.

In the development of new modules, one of the main challenges involves the mapping of existing data models to the CroRIS model based on CERIF, which includes the reimplement of controlled vocabularies in the form of classification schemes and associated classifications. Another important challenge is the data import, which requires significant efforts in data cleansing as well as the integration of data coming from different sources into CroRIS.

Certain improvements to existing modules have also been made. Most notably, the user interfaces for the Official Register of Researchers and the Register of A&R Institutions have been integrated, thus improving the user experience.

Community management is also an important part of project activities, which is mainly coordinated by partners from the *Ruđer Bošković* Institute. CroRIS Coordinators have been appointed, and, with the release of new CroRIS Modules, new Data Editors have been appointed. Additionally, there are more and more inquiries from end users. RBI provides customer support and organises workshops and trainings for CroRIS Coordinators and Data Editors.