

National Committee for Scientific Research (CoNRS)
Interdisciplinary Commission Sciences and Data - CID 54

EVALUATION CRITERIA

The scientific dossier of candidates applying for open positions within the CID 54 must meet the specific requirements of this Interdisciplinary Commission and be relevant to its general scientific themes, defined by its title and keywords. The recruitment of a research fellow (CRCN) or research director (DR2) is based on the scientific quality of the application. In addition, for the CID 54, the applicant must highlight the interdisciplinary nature of her/his work - combining data science with other scientific fields such as high-energy physics, climate science, seismology, astronomy, cosmology, materials science, digital humanities, social network analysis and the humanities and social sciences in general. The CID 54 does not , cover the interdisciplinary activities related to the digital sciences. Interactions all data science and life sciences and research issues related to the development of digital science and technology are outside of the scope of the CID 54.

The quality of scientific production in an interdisciplinary framework is assessed according to specific criteria that do not fall under a single discipline. The assessment will therefore take into account the researcher's discipline of origin as well as the range of disciplines covered in their application.

Common criteria for both the CRCN and DR2 grades

- the interdisciplinary nature of the career path: the capacity to introduce, implement and develop tools, methods and conceptual approaches to solve scientific challenges related to data, through the production, preparation, processing and visualisation of data in scientific fields relevant to the CID 54;
- the scientific quality and influence of the results obtained (publications, indexed technical notes, the development and dissemination of tools and software, methodological development, etc.) as well as the role played in such scientific output, particularly work carried out in large consortia;
- the ability to construct a research project independently, which can integrate into a defined research environment;
- international influence and recognition;
- the ability to present scientific issues in a pedagogical manner to a broad spectrum of the scientific community.

Specific criteria for DR2 applications:

- More stringent requirements regarding the career path, the impact of the results, the influence, the research project, the long-term scientific vision and interdisciplinary collaborations,
- collective responsibilities in line with the requirements of the disciplines of origin,
- research supervision, particularly the supervision of doctoral students.

Additional elements may also be taken into account, such as:

- an active approach to open science,
- facilitation, scientific mediation and work linked to the research activity.

All these criteria are non-exclusive, non-hierarchical and not strictly cumulative. They are modulated according to the research path and discipline of the applicant and the framework of his/her research activities.