

Statement on Open Science

ECDF strongly encourages the open sharing of scientific knowledge of all kinds – data, code, tools, research questions, course material, articles – as early as practical¹ in the scientific discovery and research process. In doing so, ECDF supports the basic principles enshrined in declarations such as the Berlin Declaration,² the Budapest Open Access Initiative,³ and the G7 Science Ministers' Communiqué.⁴ Furthermore, we are fully aware of the current debate on Open Science, as reflected in the Berlin Appeal for Open Science,⁵ the G7 Expert Group on Open Science, and other relevant EU strategies on Open Science.⁶

- ECDF advocates open and collaborative science and the development of incentives and recognition and reward systems that guarantee and actively promote the integrity, transparency, and reproducibility of research.
- ECDF supports all researchers in disseminating the outcomes of their research (both positive and negative) in order to make it widely accessible to the scientific community and the public.
- ECDF actively promotes a culture of replication by encouraging post-publication discussion of data, by sharing all algorithms and tools used to generate the results, and by encouraging constructive criticism of the research process and results.
- ECDF expects all its members and researchers at all stages to uphold the ideas of Open Science.

While the above rules and goals form the foundation for Open Science, ECDF strives to go a step further by actively promoting Open Science via the different event formats at ECDF:

- ECDF encourages its members to integrate Open Science ideas into their events (e.g., hackathons, workshops, roundtables).
- ECDF expects researchers using the center as platform (e.g., science labs, short/long-term residents) to support the ideas of Open Science.
- ECDF expects all its members to reflect the principles of Open Science in their research work, when developing new project ideas, and when planning new activities, for instance with sponsors.
- ECDF considers itself a “Home of Open Science” and actively promotes all ideas and initiatives supporting this movement.

¹ We are fully aware of and respect all privacy and other legal restrictions such as IPR or the GDPR that may limit full disclosure. However, we strongly encourage all researchers to limit non-disclosure to the furthest extent possible.

² Berlin Declaration, Oct 22, 2003, <https://openaccess.mpg.de/>

³ Budapest Open Access Initiative, <http://www.opensocietyfoundations.org/openaccess/>

⁴ G7 Science Ministers' Communiqué, Sept 27/28, 2017,

<http://www.g7italy.it/sites/default/files/documents/G7%20Science%20Communiqu%C3%A9.pdf>

⁵ Berliner Appell für eine Offene Wissenschaft, https://de.wikiversity.org/wiki/Wikiversity:Fellow-Programm_Freies_Wissen/Berliner_Appell

⁶ Open Science, European Commission, <https://ec.europa.eu/research/openscience/index.cfm>