

Digitization and Collaboration: Advancing Remote and Online Experimentation (ROE) and Big Team Science

Call for papers: Special Issue

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Information on the Special Issue

Innovation often emerges from adversity. This also applies to psychological research, where the tools, procedures, and workflows necessary to answer a question may not exist, may not be readily found, or are not available. Nonetheless, within the research community, there exists a vast amount of openly available resources and collective knowledge that is potentially useful to others but is typically only shared informally.

Adapting to the global pandemic has led to the growth of remote and online experimentation (ROE), and widespread distribution of research that is not bound to physical spaces. These changes have accompanied an emerging emphasis on *big team science*, which leverages online collaboration platforms to pool resources across many research labs to achieve larger investments in resources, researcher time, and researcher skill than would otherwise be possible. These trends are making psychology research more international and intercultural. This change in conducting research is an opportunity to share the knowledge and solutions, as well as guidelines for best practices.

This special issue provides an outlet to discuss these important issues. We invite manuscripts that describe aspects related to ROE and globally distributed research activities from different perspectives.

Contributions can include but are not limited to:

- Highlighting the unique (dis)advantages of ROE;
- Documenting the development and implementation of bespoke solutions;
- Best practices or guidelines to improve processes and research logistics;
- Reviews of openly commercially and freely available resources;
- Perspectives on how to formalize standards related to e.g. ethical and legal aspects, incentivization, sharing of assets, and quality control.

We are particularly interested in insights from groups whose research increases national and cultural diversity; APC waivers will be granted to accepted manuscripts from ECRs or researchers from low-income countries lacking publication funding.

Information on the Peer-Review process for this Special Issue

SPO's review process is double-blind and reviews are not generally published with accepted manuscripts. However, given [reasonable arguments for making reviews publicly available](#), this Special Issue will trial a new procedure, for which we seek to gather data on authors', editors', and readers' experience. The review process will remain double-blind, but we intend to publish reviewers' comments in parallel with accepted manuscripts. In the case of signed reviews, reviewers' identities would only be revealed upon manuscript publication.

About the Journal

SPO is the new official journal of the [Swiss Psychological Society](#), which aims to advance and support best practices in psychological science and teaching. *SPO* is a general Open Access journal in the field of psychology; its vision is to serve as a forum for the scientific discussion of all areas of psychology and their applications. One of its most central concerns is the mediating function between different fields of psychology, research, and applications, and in culturally different areas.

SPO has a strong focus on good open research practices and guarantees rigorous peer-review. Authors are encouraged to preregister their hypotheses and methods and expected to share their anonymized data and analysis scripts in acknowledged public repositories. *SPO* also supports the notion that making research freely available to the public maximizes the global exchange of knowledge. All articles are published open access as soon as they are ready in order to guarantee timely and barrier-free communication. Authors of articles published in *SPO* remain the copyright holders of their work and publication fees can be waived for authors who do not have funding available for open access publication.

The previous official publication of the Swiss Psychological Society was the Swiss Journal of Psychology (ISSN L 1421-0185, ISSN Print 1421-0185, ISSN Online 1662-0879) which is continued under a different name by Hogrefe Publisher. It was originally founded by Jean Piaget in 1942 as a forum for the scientific discussion of all areas of psychology and their applications. One of its most central concerns was the mediating function between different fields of psychology, research and applications, and in culturally different areas.