Contribution ID: **54**   Type: **Talk (15min + 5min)**

Research Software at Helmholtz - tying up different knots

Wednesday, March 6, 2024 3:30 PM (20 minutes)

Research Software is one of the most important tools of modern science, and the development of research software is often a prerequisite for cutting-edge research. With the advancing digitalization of research and teaching, the number of software solutions emerging at scientific institutions with the purpose of gaining scientific knowledge is ever increasing. For the reproducibility of scientific results, referencing and making accessible the respectively employed or developed software is essential. In many cases, the provision of corresponding software is of great importance for the reproducibility of data analyses as well as for the re-use of the research data in question. RSE is therefore an integral part of the research process and is addressed as such in research policy at Helmholtz, such as the Helmholtz Open Science Policy and individual Policies at the Helmholtz Centers. For large organizations, coordination of great numbers of activities and integration of a wide variety of stakeholders is a challenge. Furthering der communication among these stakeholders is at the core of the mission of the Helmholtz Open Science Office. This talk will provide an insight of how this is approached at Helmholtz, thereby giving an overview of activities at Helmholtz supporting and recognizing the production and maintenance of research software, such as the Helmholtz Task Group Research Software, Helmholtz Federated IT Services (HIFIS), Helmholtz Research Software Directory, the Helmholtz Incubator Software Award, the Helmholtz Platform for Research Software Engineering - Preparatory Study (HIRSE_PS), licensing workflows, the Helmholtz Open Science Policy, Helmholtz engagement for research reproducibility and activities linking all RSE stakeholder at Helmholtz as well as engaging with the RSE community on a national and international level.

Slot length

Primary author: BRUCH, Christoph (Helmholtz Open Science Office)

Co-authors: SCHRADER, Antonia C. (Helmholtz-Gemeinschaft);   Dr PAMPEL, Heinz (Helmholtz-Gemeinschaft); FERGUSON, Lea Maria (Helmholtz-Gemeinschaft); MESSERSCHMIDT, Lena (Helmholtz-Gemeinschaft); MEISTRING, Marcel (Helmholtz-Gemeinschaft);   WEISWEILER, Nina (Helmholtz-Gemeinschaft);   SCHULTZE-MOTEL, Paul (Helmholtz-Gemeinschaft); BERTELMANN, Roland (Helmholtz-Gemeinschaft); GENDERJAHN, Steffi (Helmholtz-Gemeinschaft)

Presenter: BRUCH, Christoph (Helmholtz Open Science Office)

Session Classification: Policies and Legal Aspects

Track Classification: RSE Research and Communities: Policies and Licences in RSE