# CRS Newsletter March 18, 2021

Dear Members and Fellows of the CRS, dear subscribers of the CRS mailing list

With this newsletter we provide information and activities related to reproducibility and scientific integrity. You will also find information about activities conducted by the CRS.

## Content

1. **ReproducibiliTea next week: "**Tools and techniques for computational reproducibility"
2. **Forresd** Linux analysis server to support meta-research
3. **Seminar Series** on Applied Machine Learning in Diagnostic Imaging
4. Evaluation of the **Psychological Research Preregistration-Quantitative Template**
5. Online: **Computational Research Integrity Conference**, March 23 to 25

1. ReproducibiliTea session next Thursday, March 25: "**Tools and techniques for computational reproducibility**", Laura Kinkead, Dept. of Quantitative Biomedicine, University of Zurich
   https://gigascience.biomedcentral.com/articles/10.1186/s13742-016-0135-4
   Join: https://uzh.zoom.us/j/96938347832?pwd=SFJMWTRPZXBUdVVIQXJkcEUybk1SZz09
2. The CRS provides a computational infrastructure to **F**oster **o**pen and **r**eproducible **re**analysis of **s**cientific **d**ata, short **Forresd**. Forresd is a remote Linux server to enable meta-research projects that are computationally heavy. Originally, the server was used for a reanalysis project, but is available now for all CRS staff, members and fellows. For more information and to request an account, see https://www.crs.uzh.ch/en/research.html. For this service we gratefully receive funding from the Foundation for Research in Science and the Humanities at UZH.
3. **Seminar Series on Applied Machine Learning in Diagnostic Imaging:** Digital transformation based on data-driven technology has the potential to revolutionize medicine. Academia can play a major role in the development, validation and marketability of innovative solutions responding to the compelling needs of patients and healthcare professionals. The series started today and continues throughout the year, for more information see: http://www.radiologie.usz.ch/ueber-das-institut/veranstaltungen/Seiten/21appliedmachinelearning.aspx
4. The open science task force consisting of members of the German Psychological Society, the American Psychological Association, the British Psychological Society, the Center for Open Science, and the Leibniz Institute for Psychology has developed a new preregistration template, the **Psychological Research Preregistration-Quantitative (PRP-QUANT) Template**. It can be used to create a preregistration to be submitted to a repository and/or as a stage 1 manuscript as a Registered Report. The template has to be evaluated it and researchers are therefore invited to participate in a survey, both if they have preregistered before or if they have never preregistered before. The confidential survey takes about 30-45 minutes. This is the link to the survey: https://www.soscisurvey.de/tftt/. If you have any further questions, please contact Lisa Spitzer (ls@leibniz-psychology.org).

5. **Computational Research Integrity Conference** (March 23 to 25) exploring how research integrity investigations can be made faster, more accurate, and systematic with the use of computational methods. View the full schedule at http://cri-conf.org