Contribution ID: **97**   Type: **Presentation**

Keeper: certifying research data combining Seafile and blockchain technology

Tuesday 7 March 2023 10:45 (15 minutes)

The Max Planck Society runs a customized installation of Seafile called KEEPER (https://keeper.mpdl.mpg.de/) for its scientists which offers the possibility to certify research data with or without metadata by leveraging on blockchain technology. Snapshot data and a certificate representing the data on the blockchain are stored on application side and presented to the user.

This implementation is tailored to our scientists and stores transaction data via a publicly available API on bloxberg, the blockchain run by a association of worldwide research institutions (https://bloxberg.org/).

We would like to showcase the implementation and its potential benefits for the CS3 community.

Author: RANGER, René (Max Planck Digital Library)

Co-author: MAKARENKO, Vladislav (Max Planck Digital Library)

Presenter: RANGER, René (Max Planck Digital Library)

Session Classification: FAIR Data Management

Track Classification: Main session: User Voice: Novel Applications, Data Science Environments & Open Data