CERN Workshop on Innovations in Scholarly Communication (OAI8)



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Res. Data Session: Interoperability of Research Data

Thursday, 20 June 2013 14:25 (25 minutes)

The advent of the new paradigm of science largely based on data analysis and mining is having a relevant impact on Scholarly Communication. In order to document their work scholars are starting to publish not only research papers but also to make available the experimental datasets and the tools used for achieving such results. The availability of these products facilitates the reproducibility of the results and open the way towards a more wider re-usability of the data for other scientific purposes. However, In order to fully exploit these new possibilities appropriate level data interoperability between the publisher and the consumed of the data have to be assured. This presentation introduces major issues of data interoperability between a data publisher and a data consumer and it discusses how emerging data infrastructures can help in minimizing them.

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