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INPTDAT—a new data platform for plasma technology¹ M. M. BECKER, I. L. PAULET, ST. FRANKE, Leibniz Institute for Plasma Science and Technology (INP), 17489 Greifswald, Germany, D. O'CONNELL, York Plasma Institute, Department of Physics, University of York, York, YO10 5DD, U.K. — In recent years, the need for public storage of digital research data has steadily increased. Besides institutional or public data repositories like, e.g. figshare and zenodo, more and more journal publishers provide the possibility to store digital data along with journal articles. However, the findability of data in such generic repositories is rather limited and the benefit of publishing digital research data is not obvious to researchers. The new interdisciplinary data platform for plasma technology—INPTDAT aims to overcome this issue. INPTDAT uses the plasma-specific metadata schema Plasma-MDS for the annotation of research data stored in the internal database or any other public data repository. With this, relevant data become easily findable and directly accessible for researchers. This contribution demonstrates the main features of INPTDAT and shows how it could be used in the future as a central community platform for annotation and easy reuse of research data in the field of plasma technology.

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