

## Poster Session II (via Call for Papers)

Wednesday, 13 September // 9:00 - 10:30 h



| Poster ID | Title   | Authors   |
|-----------|---|---|
| 1         | Transparency and Involvement of the Energy-Related Industry in a Data Sharing Platform  | Zhiyu Pan, Gonca Gurses-Tran, Christina Speck, Patrick Jaquart, Michael Niebisch, Antonello Monti   |
| 2         | NFDI4DS Gateway and Portal  | Ricardo Usbeck, Tilahun Abedissa Taffa, Rudy Alexandro Garrido Veliz, Rana Abdullah, Najeebullah Sham, Bianca Wentzel, Zongxiong Chen, Sonja Schimmmler   |
| 3         | CorWiz a Platform for Exploring Corrosion Data and Accessing Corrosion Models   | Sven Berger, Aravinth Ravikumar, Mikhail Zheludkevich, Daniel Hoeche  |
| 4         | Ontology-Based Laboratory Data Acquisition with EnzymeML for Process Simulation of Biocatalytic Reactors                              | Alexander S. Behr, Elnaz Abbaspour, Katrin Rosenthal, Jürgen Pleiss, Norbert Kockmann   |
| 5         | Enhancing Reproducibility in Research through FAIR Digital Objects  | Zeyd Boukhers, Leyla Jael Castro  |
| 6         | Quality Assessment for Research Data Management in Research Projects  | Max Leo Wawer, Roland Lachmayer   |
| 7         | Opportunities and Limits of a Disciplinary Repository Using the Example MO RE data (eResearch Infrastructure for Motor Research Data) | Katja Klemm, Hannah Kron, Alexander Woll, Klaus Bös, Claudia Niessner   |
| 8         | Swiss-AL: Platform for Language Data in Applied Sciences: On challenges in the field of Language Open Research Data                   | Julia Krasselt, Philipp Dreesen, and Peter Stücheli-Herlach   |
| 9         | Distributed Computing and Storage Infrastructure for PUNCH4NFDI   | C. Wissing, B. Bheemalingappa Sagar, M. Blank-Burian, A. Drabent, S. Fleischer, O. Freyermuth, M. Giffels, A. Henke, M. Hoeft, J. Künsemöller, N. Malavasi, C. Manazano, B. Roland, H. Simma, D. Schwarz, K. Schwarz, N. Suvvi Neelakantaia, L. Vomberg, C. Voss, V. Vybornov, M. Wigard, S. Wozniowski |
| 10        | NFDI4Earth: Improving Research Data Management in the Earth System Sciences   | Lars Bernard, Christin Henzen, Auriol Degbelo, Daniel Nüst, Jörg Seegert  |
| 11        | Several partners – joint effort: RDM synergies in large scale research  | Astrid Schneidewind, Kilian Schwarz, Thomas Schörner, Bridget M. Murphy, Martin Erdmann   |
| 12        | PUNCH4NFDI: Science Data Platform and Digital Research Product  | Harry Enke, Thomas Schörner-Sadenius  |
| 13        | PIDs in the Natural Sciences  | Thomas Schörner, Anton Barty, Markus Demleitner, Harry Enke, Oliver Koepler, Martin Köhler, Bridget Murphy, Sonja Schimmmler, Lisa-Marie Stein  |
| 14        | Harmonising, Harvesting, and Searching Metadata across a Repository Federation  | Steffen Neumann, Felix Bach, Leyla Castro, Tillmann G. Fischer, Stefan Hofmann, Pei-Chi Huang, Nicole Jung, Bhavin Katabathuni, Fabian Mauz, Rene Meier, Venkata Chandrasekhar Nainala, Noura Rayya, Christoph Steinbeck, Oliver Koepler  |
| 15        | ICT Infrastructure supporting the Italian Research Infrastructure on Microbial Resources MIRRI-IT                                     | Marco Beccuti, Antonio d’Acierno, Simone Donetti, Sandro Gepiro Contaldo, Paolo Romano, Giovanna Cristina Varese  |
| 16        | The Data Steward Service Center (DSSC): FAIRagro RDM-expertise hub  | Nikolai Svoboda, Lucia Vedder, Franziska Böhm, Markus Möller, Elena Rey-Mazón, Marcus Schmidt, Birte Lindstädt, Ulrike Stahl  |
| 17        | Interactive Tools (IT) in Galaxy  | Tunc Kayikcioglu  |

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| 18 | FAIRmat guide to writing data management plans: A practical guide for the condensed-matter physics and materials-science communities | Ahmed E. Mansour, Lucia Rotheray, Kerstin Helbig, Silvana Botti, Heiko B. Weber, Martin Aeschlimann, Claudia Draxl  |
| 19 | Spreading the Love for Mathematical Research Data  | Tabea Bacher, Christiane Görger, Tabea Krause, Andreas Matt, Daniel Ramos, Bianca Violet  |
| 20 | Because Data Shall Grow (and we with it)   | Julia Rakers, Daniel Nüst, Bernhard Miller, Julia Mohrbacher, Torsten Schrade, Jörg Seegert, Holger Simon, Christian Vater, Cord Wiljes   |
| 21 | Building the Next Generation of Data Savvy Biomedical Researchers  | Jens Dierkes, Birte Lindstädt, Ulrich Sax, Canan Hastik, Julia Fürst, Tanja Hörner, Sebastian Klammt, Ines Perrar, Iris Pigeot, Katja Restel, Carsten Oliver Schmidt, Aliaksandra Shutsko, Dagmar Waltemath, Atinkut Zeleke |
| 22 | One Resource to Teach Them All   | Dominik Brilhaus, Martin Kuhl, Cristina Martins Rodrigues, Andrea Schrader  |
| 23 | RDM Services at the Luxembourg National Data Service   | Wei Gu, Christophe Trefois, Pinar Alper, Danielle Welter, Yohan Jarosz, Jacek Lebioda, Linda Ebermann, Regina Becker, Venkata Satagopam, Reinhard Schneider, Bert Verdonck  |
| 24 | FDO to Structure the Domain of Knowledge   | P. Wittenburg, D. Koureas   |
| 25 | Pathways Between National and European Research Infrastructures: a Humanities' Perspective   | Nanette Rißler-Pipka, Regine Stein, Laure Barbot, Sally Chambers, Toma Tasovac, and Philipp Wieder  |
| 26 | Embedding the de.NBI Cloud in the National Re-search Data Infrastructure Activities  | Nils Hoffmann, Irena Maus, Sebastian Beier, Peter Belmann, Jan Krüger, Andreas Tauch, Alexander Sczyrba   |
| 27 | MaRDMO Plugin: Document and Retrieve Workflows Using the MaRDI Portal  | Marco Reidelbach, Eloi Ferrer, Marcus Weber   |
| 28 | WissKI Viewer: Casual Access for WissKI Data Sets  | Tom Wiesing   |
| 29 | Exploring and Improving Workflows for the Donation and Curation of Research Data   | Natalie Kiesler, Daniel Schiffner   |
| 30 | Zarr: A Cloud-Optimized Storage for Interactive Access of Large Arrays   | Josh Moore, Susanne Kunis   |
| 31 | Data Management Plan Tools: Overview and Evaluation  | Carina Becker, Carolin Hundt, Claudia Engelhardt, Johannes Sperling, Moritz Kurzweil, Ralph Müller-Pfefferkorn  |
| 32 | Exchanging Research Data with SampleDB   | Malte Deckers, Florian Rhiem  |
| 33 | Establishing the Research Data Management Container in NFDIxCS   |   |
| 34 | RO-Crates meets FAIR Digital Objects   | Leyla Jael Castro, Stian Soliland-Reyes, Dietrich Rebholz-Schuhmann   |
| 35 | Automated Documentation of Reseach Processes Using RDM   | Firas Al Laban, Jan Bernoth, Michael Goedicke, Ulrike Lucke, Michael Striewe, Philipp Wieder, Ramin Yahyapour   |
| 36 | Improving the research desktop experience for OpenStack VDI: Integrating hardware accelerated rendering and remote transport         | Dirk von Suchodoletz, Yi Sun, Jean-Karim Hériché  |
| 37 | DataPLANT Cloud Oriented Service Infrastructure: Open for Integration and Adaptation   | Dirk von Suchodoletz, Jonathan Bauer, Marcel Tschöpe  |
| 38 | Conda, Container and Bots: How to build and maintain tool dependencies in workflows and training materials                           | Paul Zierep, Björn Grüning  |
| 39 | Architectural Design of BERD Information Portal  | Ahmed Saleh, Klaus Tochtermann  |
| 40 | Digital Twin-Based Concept for Reliable Research Data Management: Integrating Proprietary Data Sources for Hyperspectral Imaging     | Alessa Rache, Tim Häußermann, Joel Lehmann, Julian Reichwald  |

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| 41 | Ten Simple Rules for Designing and Building a FAIR Research Infrastructure                                     | Sharif Islam   |
| 43 | Introducing JuOSC  | Monica Gonzalez-Marquez, Ms. Schmahl   |
| 44 | When Data Crosses Borders – Join Forces! Multidisciplinary Use Cases Within NFDI                               | Barbara Ebert, Sami Domisch, Christin Henzen, Jimena Linares, Kati Mozygamba, Bernhard Miller, Bernhard Seeger, Jörg Seegert   |
| 45 | A FAIR Future for Engineering Sciences: Linking an RDM Community through a scientific journal                  | Izadora Silva Pimenta, Kevin T. Logan, Michaela Leštáková, Peter F. Pelz   |
| 46 | Castellum - a data protection-compliant web application for the subject  | Karolina Mader   |
| 48 | Terminologies in RDM for Engineering – a Service Approach: NFDI4Ing Terminology Service                        | Angelina Kraft, Felix Engel, Axel Klinger  |
| 49 | Metadata Fields and Quality Criteria - XAS Reference Database under DAPHNE4NFDI                                | Abhijeet Gaur, Sebastian Paripsa, Frank Förste, Dmitry Doronkin, Wolfgang Malzer, Christopher Schlesiger, Birgit Kanngießner, Dirk Lützenkirchen-Hecht, Edmund Welter, Jan-Dierk Grunwaldt |
| 50 | FAIRification of Historical Geodata: Automated Metadata Extraction from Archival Maps                          | Hendrik Herold, André Hartmann, Anna Lisa Schwartz, Michael Hellstern, Markus Schmalzl   |
| 51 | FAIR assessment practices: Experiences from KonsortSWD and BERD@NFDI   | Janete Saldanha Bach, Fidan Limani, Atif Latif, Yudong Zhang   |
| 52 | Monitoring the state of open and FAIR data in Helmholtz: A data-harvesting and dashboard-approach by HMC       | Gabriel Preuß, Alexander Schmidt, Mojeeb Sedeqi, Vivien Serve, Oonagh Mannix, Markus Kubin   |
| 53 | DALIA FAIR Open Educational Federation: Aggregation, Harmonisation, Curation, and Quality Assurance with DALIA | Canan Hastik, Gábor Kismihók, Frank Lange, and Petra C. Steiner  |