DIG-UM Topic Group: Big Data Analytics

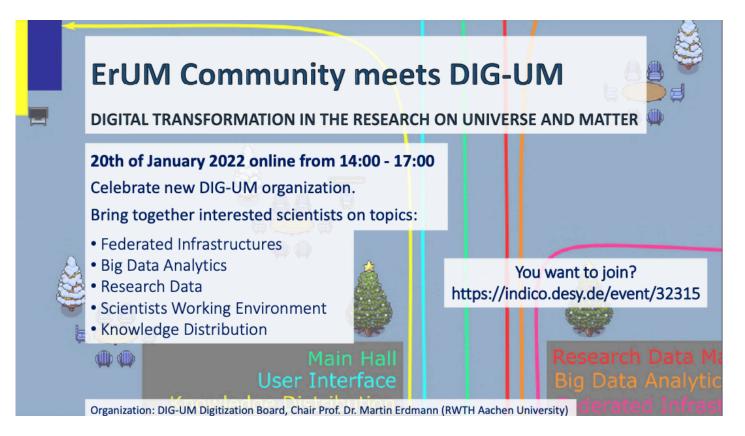
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PUNCH TA3 Meeting

DIG-UM

DIGITAL TRANSFORMATION IN THE RESEARCH ON UNIVERSE AND MATTER

Context



See https://indico.desy.de/event/32315/ for the full event

DIG-UM: Digital Transformation in the Research on Universe and Matter

Organization DIG-UM



What is Big Data Analytics?

The development, support and use of data analysis and algorithms, including Al.

Compute and storage hardware are covered in *Federated Infrastructures*, while the data itself is discussed in *Research Data*.

Topics

Q: About which data analysis techniques would you like to learn more?

Q: Which support topics are important on a national level? How to deal with legacy code? Distributions of algorithms? Licences?

Q: What should be the role of AI for your research? What is necessary to get there

Next Steps

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- Connect researchers active e.g. in open ErUM-Data call on "Software and Algorithms" (and of course PUNCH!)
 - Consider adding your project to: <u>https://desycloud.desy.de/index.php/s/4si4HedjTSEB9Pf</u>
- Topical cross-disciplinary workshops
- Education on key topics both technical/scientific and legal/support

How to connect

Unique opportunity to shape the future of scientific data analysis in our field

Join the mailing list! erum-data-big-data-analytics@lists.rwth-aachen.de

→Send email to erum-data-big-data-analytics-request@lists.rwth-aachen.de

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