

## PUNCH-Lunch –

the online lunch seminar of the PUNCH4NFDI Consortium

Every second Thursday, 12:30-13:30 hrs: keynote and discussion



Thursday, 25 February 2021, 12:30 hrs:

**Hermann Hessling (HTW Berlin) and Markus Döhring (H-Da):**

**Interdisciplinary university curricula in data management**

*at the interface between physics and information technology*

### Abstract:

At this PUNCHLunch, interdisciplinary university curricula at the interface between physics and information technology (IT) will be discussed using two existing examples:

- The Hochschule Darmstadt offers the interdisciplinary master course "Data Scientist" – addressing the increasing demand for data scientists in Germany. Within this study programme, students learn how to get facts and knowledge from "Big Data" using methods of mathematics, statistics, and computer science,. It is planned to open individual courses of the "Data Science" curriculum for physics students from PUNCH partner universities so that IT and physics students will learn how to analyse data in interdisciplinary teams based on real-life PUNCH data.
- The master's programme „Applied Informatics“ of the Hochschule für Technik und Wirtschaft (HTW) Berlin is research-oriented, i.e. during their studies, students are integrated into ongoing research and development projects at institutes of the university itself or at cooperating research institutions.

Both curricula and the lessons learned from them will be presented, followed by a discussion of how these or similar programmes and courses can be supported across the entire PUNCH4NFDI consortium and how the presented projects could fit into existing physics curricula.

### Connection details:

ZOOM Webinar "PUNCH-Lunch": <https://desy.zoom.us/j/94927131622>

Webinar ID: 949 2713 1622, passcode: 532479

### Next event:

Thursday, 11 March 2021, 12:30 hrs

Machine learning and AutoML (speakers tbc)



### Connect to PUNCH4NFDI:

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