

# News from TAs and Working Groups

TA 2: see slides

TA 3: still partly on vacation

- work in all WPs progressing (list of codes for astronomy & HEP, data management systems etc.)
- Nicola Malavasi is leaving by fall next year (Marie-Curie Fellowship)

TA 4:

- WP1, 2 and 3 no meetings last month
- WP4: REANA instance installed at AIP, usage problems in connection with Docker for SL6.x and older Debian Distro solved
- Victoria Tokareva joins the TA4 workforce

TA 5: work in TA unveiled commonalities between particle physics and astrophysics (even more than expected)

TA 6:

TA 7: see slides

InterTA: next meeting 21 September

# News

Quarterly report (Q2/2022): prepared; will be uploaded in the Intranet -> next reporting period (Jul - Sep) ends soon

## General Meeting:

- travel funds still available
- 1 slot for “Highlight talk” still possible (TA6?)
- PUNCH poster competition
  - posters will be presented at General Meeting
  - paper poster or digital poster possible
  - PUNCH poster award

## Outsourcing: pay for software products etc.

- Thomas is in contact with the DFG
- concrete information (applications, cost etc.) will probably be necessary in advance
- we will keep you informed

Note: slides = minutes, all in MB category in INDICO:

<https://indico.desy.de/category/889/>



The poster features a red speech bubble at the top with the text "PUNCH POSTER COMPETITION". Below this, on a black background, are the following sections: "CONTENT" (Represent the PUNCH4NFDI Consortium), "CATEGORIES" (Scientific OR Outreach), "SIZE" (Din A0), "PARTICIPANTS" (Individuals OR groups), and "CONTACT" (info@punch4nfdi.de). To the right of these sections are three overlapping circles: a yellow one with "September 28 - 29", a white one with "Join", and a red one with "WIN". At the bottom, it says "Please indicate your participation until September 21 via e-mail." The poster has a blue background with a white dot pattern on the sides.

**PUNCH**  
POSTER  
COMPETITION

**CONTENT**  
Represent the PUNCH4NFDI Consortium

**CATEGORIES**  
Scientific OR Outreach

**SIZE**  
Din A0

**PARTICIPANTS**  
Individuals OR groups

**CONTACT**  
info@punch4nfdi.de

Please indicate your participation until  
September 21 via e-mail.

September  
28 - 29

Join

WIN

# News from Committees etc.

## Sektionen

- Metadata:
- Common infrastructures: next meeting 21.09. 10-12
- Education etc.:
- **Ethical & legal:** 12./13. Oktober (lunch-to-lunch) für einen ELSAZ/NFDI Anonymisierungs- und Datentreuhandworkshop in Berlin. Er ist als Veranstaltung vor Ort geplant. Mit dem genauen Programm melden wir zeitnah

## Task forces

- Monitoring (Thomas): next meeting 16 September
- Tools (Kilian):

## Kreise

- Sprecher: funding of consortia of 1st and 2nd round is “safe”
- Finanz: discussion on outsourcing (concerns all/ many consortia)
- Verwaltung: next meeting 9 September
- Kommunikation: “Wissenschaftsjahr” contributions possible until 18 September (Harry contributed)  
<https://docs.google.com/spreadsheets/d/1k2D5MJgVmOtgQernjrNr-rqQQ8p0CzOoMMLJiqpO6tM/edit#gid=0> ;  
E-Science-Tage March 2023 in Heidelberg <https://e-science-tage.de/>;  
“official” NFDI acknowledgement available

## PUNCH

- Collab tools: next inter-TA meeting on metadata, 21 September, <https://indico.desy.de/event/35702/>

# Todo / Action Items

- PUNCH people: list **everybody** who actively participates  
<https://syncandshare.desy.de/index.php/s/jXDXAzcGc5PmS9b>
- PUNCH Poster & Flyer: under progress -> latest version of flyer

**NFDI e.V.**

**THE GERMAN NATIONAL RESEARCH DATA INFRASTRUCTURE (NFDI)**

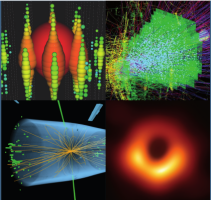
The NFDI aims to create a permanent digital repository of knowledge according to the FAIR principles (Findable, Accessible, Interoperable and Reusable) as an indispensable prerequisite for new research questions, findings and innovations.

The non-profit Association German National Research Data Infrastructure (Nationale Forschungsdateninfrastruktur (NFDI) e.V.) was founded to coordinate the activities for establishing a national research data infrastructure.

Together, the Association and the NFDI consortia are shaping the future of research data management in Germany.

► [www.nfdi.de](http://www.nfdi.de)  
► Twitter: @NFDI\_de

**INFO AND CO-APPLICANTS / PARTNERS**



[www.punch4nfdi.de](http://www.punch4nfdi.de)  
[info@punch4nfdi.de](mailto:info@punch4nfdi.de)  
Twitter: @PUNCH4NFDI

**PUNCH4NFDI**  
Particles, Universe, NuClei and Hadrons for the NFDI

The NFDI consortium for particle, astroparticle, hadron & nuclear physics and astronomy

„Exploit the valuable stock of scientific research data.  
Make it sustainable and FAIR“  
“stable, accessible, interoperable, reusable”

Logo of Gemeinsame Wissenschaftskonferenz GWK and Deutsche Forschungsgemeinschaft DFG

**THE PUNCH4NFDI CONSORTIUM**

- The NFDI consortium for particle, astroparticle, nuclear & hadron physics and astronomy.
- Represents about 9000 scientists with a Ph.D. in Germany
- Bundles efforts in sustainable and FAIR data management of 42 institutions in the fields – universities, Max Planck institutes, Helmholtz centres, Leibniz institutes.

**The governance structure of the PUNCH4NFDI consortium**



Red arrows indicate advisory functions.

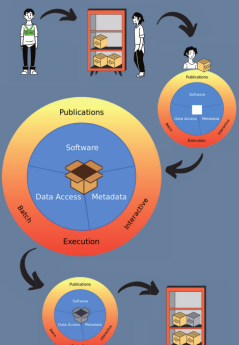
**PUNCH4NFDI bundles expertise in**

- Big data and open data
- Data irreversibility and reduction
- Harnessing heterogeneous resources
- Highly collaborative globally distributed data management for communities of thousands of scientists.

**SCIENCE DATA PLATFORM**

With our science data platform SDP as a living environment for the entire life cycle of digital research products, we will ensure sustainable and FAIR data in the PUNCH sciences and beyond. Numerous services will allow for easy data access, management, transformation and analysis.

**The workflow within the SDP**



**CHALLENGES AND SOLUTIONS**

**Challenges on the way to sustainable and FAIR data in PUNCH sciences**

- Increasing size and rate of data
- Complexity and purpose of data
- Abstraction level of data

**Solutions that will be offered by PUNCH4NFDI:**

- Sustainable storage solution
- Automated data reduction based on ML
- Coherent metadata catalogue for PUNCH sciences
- RDM training on different levels, e.g. standardised university curricula and public workshops

**The solutions are developed within Task Areas**



**Are you an expert in one of these topics?**  
Are you an expert in national research data infrastructure?  
Get in contact with us!

# Thank you!

## The PUNCH4NFDI Consortium

### Spokesperson:

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