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PURE: NOTES ON THE UPDATE 4.42.4
JULY 2022

With the update to version 4.42.4, the PURE research information system offers the following important new features that make it easier for you to collect and display various types of data.

1. **New user overview page**

- New design of the individual overview page (1.1)
- Profile area for researchers (1.2)
- Integration of the so-called PlumX metrics for publications (1.3)
- Overview of existing research information in PURE (1.4)
- Project overview with visualized timeline (1.5)
- Supervision of doctoral theses (1.6)
- Researcher network overview / collaboration map (1.7)

2. **New in the area "publications"**

- New import sources from online databases (2.1)
- Improved data collection of open access publications (2.2)

3. **New in the area "awards / projects" (new "project data model")**
   Separation of externally funded and self-initiated projects

4. **Linking with SDG-specific keywords ("Sustainable Development Goals")**
- Researchers (4.1)
- Publications (4.2)

As this is an extensive update, we expect questions or suggestions. We are happy to receive these via the PURE Helpdesk (pure@leuphana.de). Please use this central PURE e-mail address to get in touch.

1. New user overview page

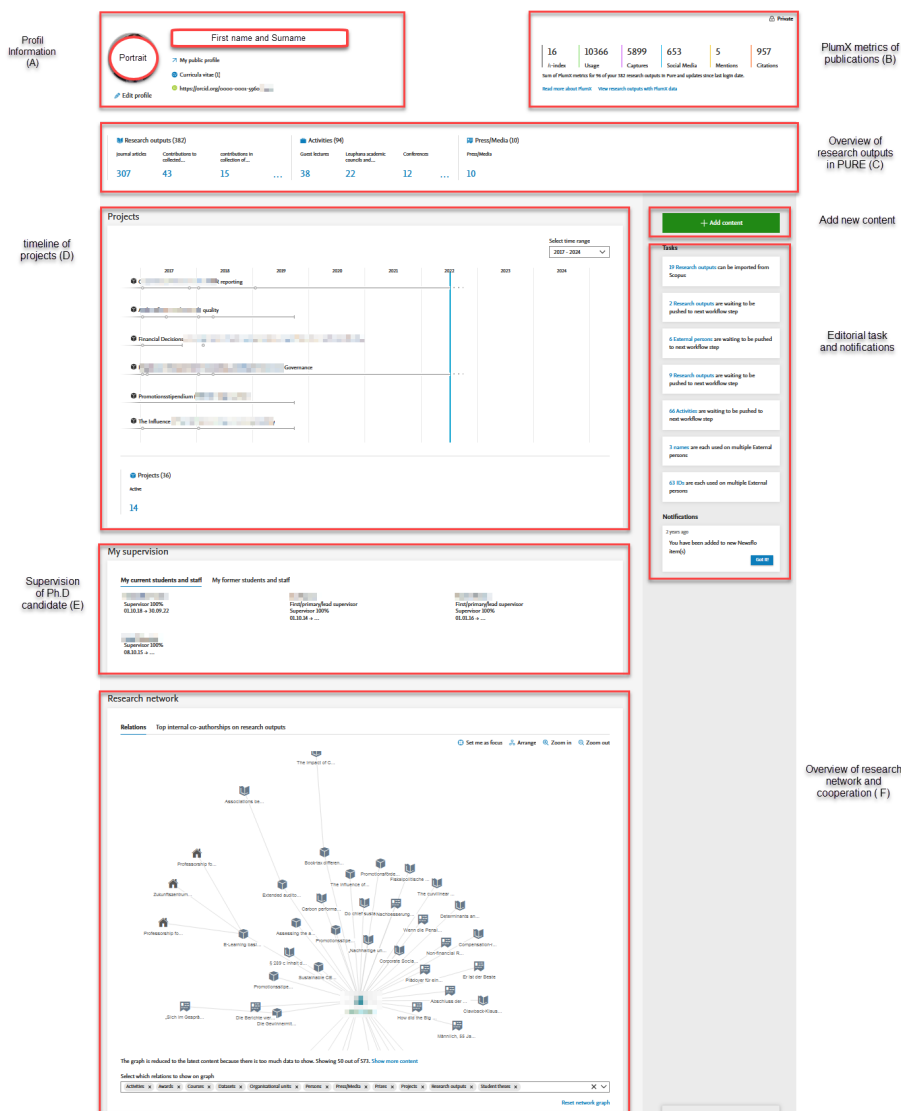### 1.1. New design of the individual overview page

<u>Please note:</u>
- The overview is part of the internal database and therefore *only accessible to you* personally and to users with authorization, i.e. authorized administrators and support staff.
- The overview is *not publicly visible* and not part of your official homepage.
- It is *not* your FOX portal profile.

The personal overview page is a dashboard based on the information you already have in the database. Components include:
- Researcher profile (A)
- PlumX metrics for publications and in-database h-index (B).
- Overview of research results/activities (C)
- Timeline of projects (D)
- Overview of supervised doctorates (E)
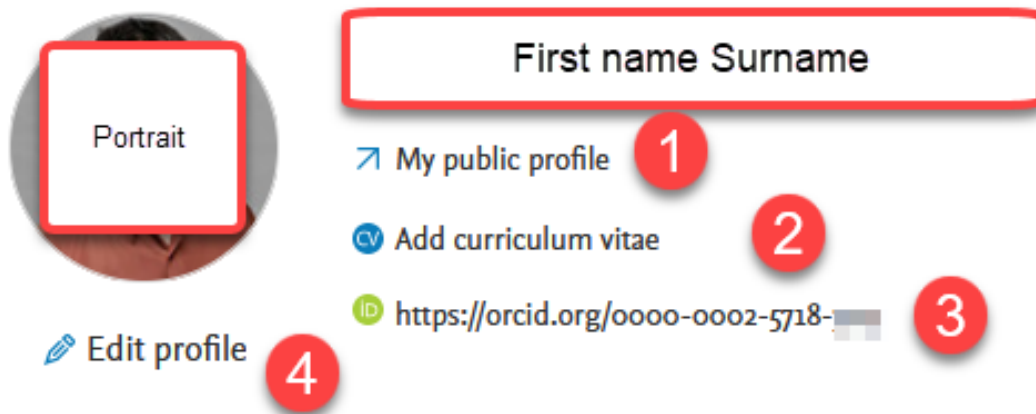- Overview of researcher network / collaboration map (F)

1.2. Profile area for researchers

This section lists your most important information:

1. public profile for the Leuphana Research Index (FOX).
2. existing CVs in the career module
3. ORCID ID and the possibility to authenticate your other researcher IDs
4. possibility to edit your profile directly

When you click on "Edit Profile" in your profile editor, you will have more options for adding your Scopus Author ID, Web of Science (WoS) Author ID (Researcher ID), profile photos, additional links, academic information, and qualifications and research areas.

1.3. Integration of the PlumX metrics for publications

In addition to the PlumX metrics, a special database-internal h-index is displayed, which is based on the publications recorded in PURE as well as information from external scientific literature databases. In the successor version 4.43 it will be possible to switch it off individually.

PlumX metrics for publications were already integrated with the last version change; they are now displayed in your personal dashboard - if available.

PlumX metrics are alternative metrics that complement the classic scientific metrics. These include mentions of a paper in tweets, bookmarking of a paper on Mendeley, or mentions in policy documents. This shows in which way and how often the (scientific) online community interacts with your research output (articles, conference proceedings, book chapters, etc.).

PlumX is already integrated on numerous platforms such as Mendeley, Science Direct, Scopus and on many journal websites and bundles information from online sources into different categories. Alignment and data import are only possible if a publication stored in PURE has a so-called identifier (such as DOI, Scopus ID).

In your new user overview you will find displayed the (summed) PlumX metrics of your publications entered in PURE. Changes in the metrics (recorded weekly) are indicated by a small arrow symbol above the total for each metric.
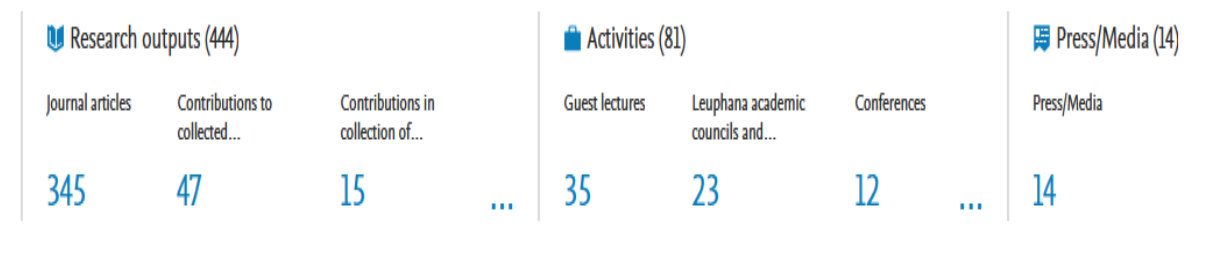

67	344831	60808	897	135	20630
h-index	Usage	Captures	Social Media	Mentions	Citations

Sum of PlumX metrics for 186 of your 266 research outputs in Pure and updates since last login date.

Read more about PlumX   View research outputs with PlumX data

The links below the display lead to general information about the PlumX metrics (https://plumanalytics.com/learn/about-metrics/) and to a breakdown of your personal research output.

1.4. Overview of existing research information in PURE

The overview shows the total numbers of your existing PURE content, sorted by data types and subtypes. Clicking on it opens each type and subtype in the overview editor, with the appropriate filter enabled.

📘 Research outputs (444)				💼 Activities (81)				🗞 Press/Media (14)
Journal articles	Contributions to collected…	Contributions in collection of…		Guest lectures	Leuphana academic councils and…	Conferences		Press/Media
345	47	15	…	35	23	12	…	14

1.5. Project overview with visualized timeline

The project overview is a visual summary of your projects and their associated output. You can check if your projects and the related content are complete and correct.

Projects

Awards (25)
Running
€ ███████.00

Projects (45)
Active
19

1.6. Supervision of doctoral theses

The new overview provides a summary of your current and former PhD students with information on name, project title, your percentage of supervision and the period of supervision.

The data entry is (technically) only possible for internal doctoral students who are registered in PURE. If a corresponding entry is made in PURE by the editor, the doctoral student will be notified.

The editing of the headings below is currently still in the programming process. Please do not enter supervised bachelor or master theses.
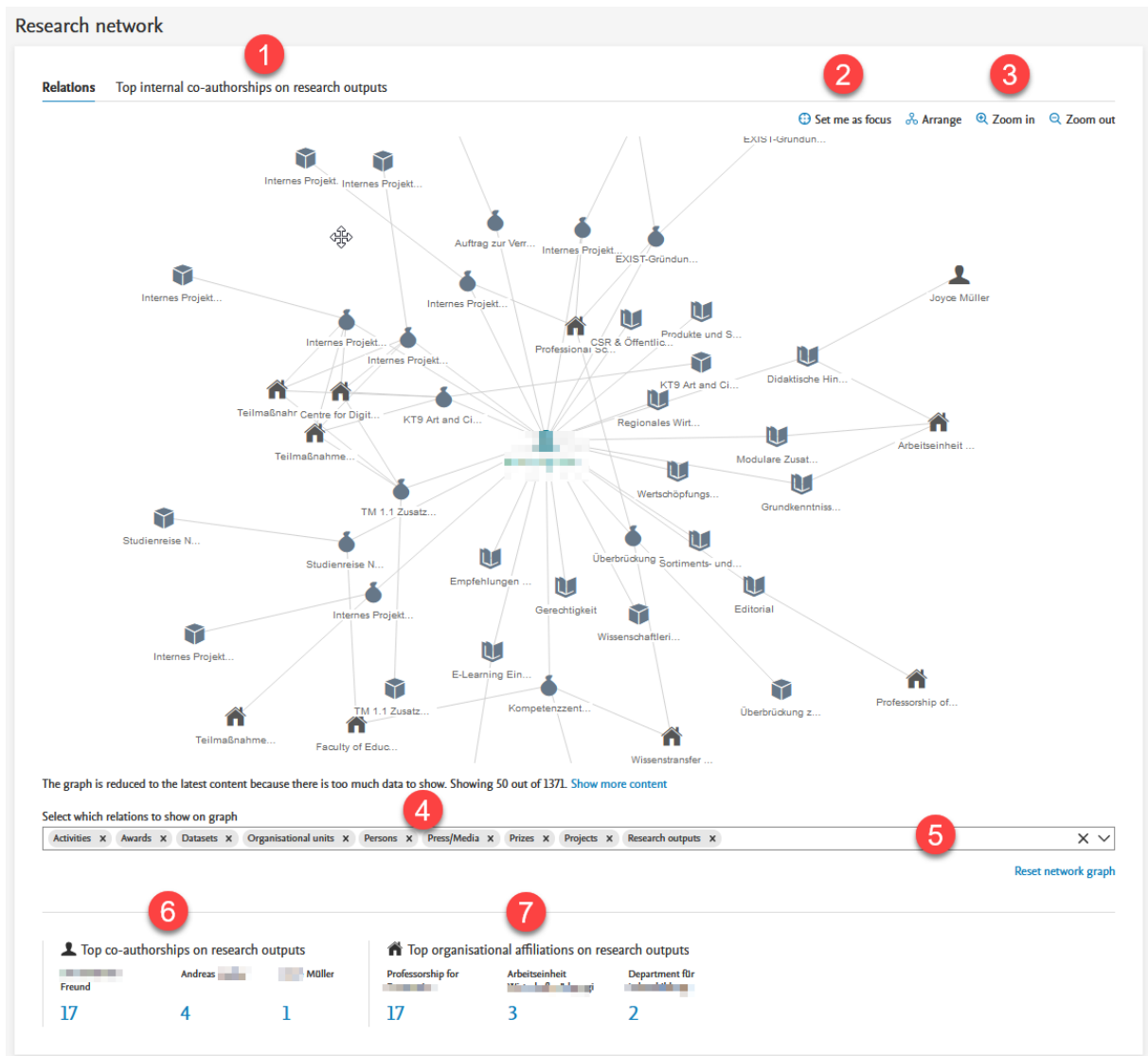
1.7. Researcher Network Overview/Collaboration Map

The new overview provides an improved visualization of research relationships and your collaboration network, incorporating database-internal information about your research results, activities and co-authors.

You can (1) switch between viewing all content relationships in your network or co-authorship, (2) set yourself as the focus point within the network, (3) arrange the network map for optimal viewing, and zoom in or out.

To reduce loading time, a maximum of (4) 50 top link relationships (and 100 top collaborations) are displayed. Of course, you can display more content via the link, but this may negatively affect the display. The relationship types can be filtered using the (5) dropdown filter bar.

The network overview (6) highlights your most important collaborators and your most frequent institutional connections (7) listed in your research information. Clicking on either of these will bring up an overview editor with all of your research information associated with those individuals or institutions.

2. New in the area "publications"

2.1. New import sources from online databases

In version 4.42.4, the connection to additional online databases (IEEE Xplore, SciELO, unpaywall, K10 Plus) is provided as a self-import source. You can find publications there using various search criteria and import them directly to PURE. Importing from online databases significantly reduces the manual input effort, but in many cases has discrepancies compared to the publisher information. Please check if the imported data match the publisher information.

2.1.1. IEEE Xplore

The online database IEEE Xplore contains over 5 million records in the field of computer science, electrical engineering and electronics. It contains materials published primarily by the Institute of Electrical and Electronics Engineers (IEEE) and partner authors, which include over 300 peer-reviewed journals, over 11,000 technical standards, currently about 5,000 e-books, and over 500 online courses.

2.1.2. SciELO

SciELO (Scientific Electronic Library Online) is a bibliographic database, digital library, and collaborative electronic publishing model for open access journals.

2.1.3. K10plus

The K10plus catalogue is the freely accessible section of the collaborative database K10plus. This joint catalogue contains about 200 million records of books, journals, articles, congress reports, electronic documents, data carriers, music and maps of scientific libraries from regions of GBV (*Gemeinsamer Bibiotheksverbund* (Common Library Union) of the Federal States of Bremen, Hamburg, Mecklenburg-Western Pomerania, Lower Saxony, Saxony-Anhalt, Schleswig-Holstein, Thuringia and the *Stiftung Preußischer Kulturbesitz* (Prussian Cultural Heritage Foundation)) and SWB (*Südwestdeutscher Bibliotheksverbund* (Southwest German Library Union) of Baden-Württemberg, Saarland, Saxony). Libraries of ten German federal states, the *Stiftung Preußischer Kulturbesitz* and a large number of other institutions from science, politics and culture are covered.

2.1.4. Unpaywall

Unpaywall collects content directly from over 50,000 journals and open access archives from around the world. It uses open data from PubMed Central, DOAJ (Directory of Open Access Journals) and Crossref (especially licensing information) as well as DataCite.
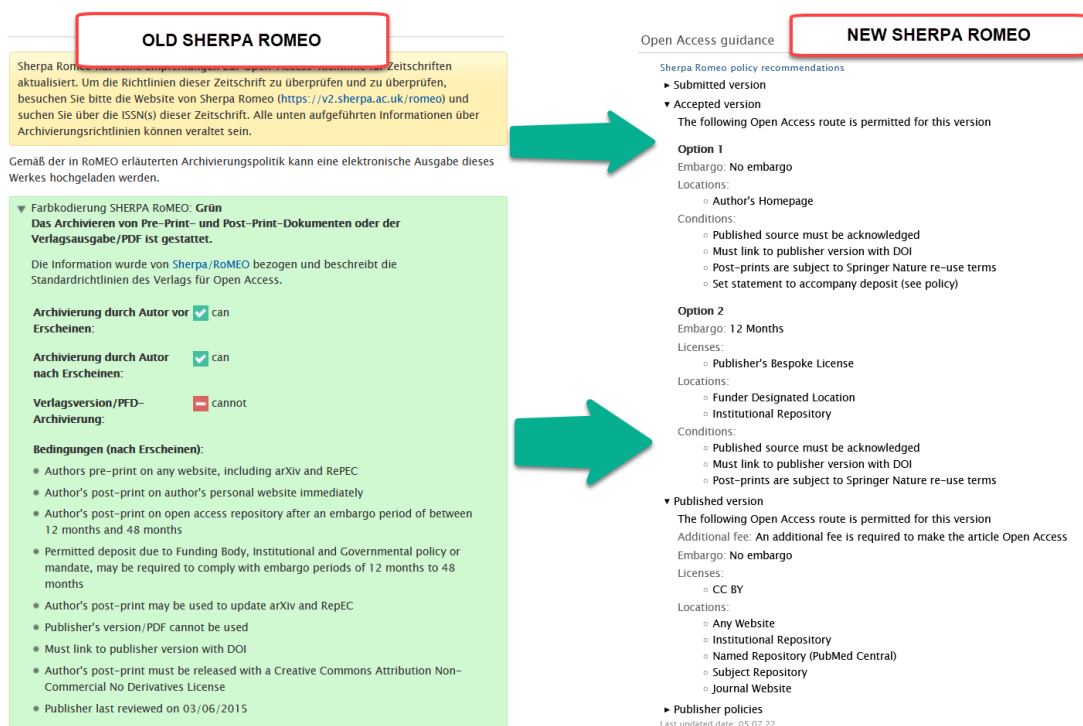
2.2. Improved data collection of open access publications

2.2.1. Improved policy recommendations from Sherpa Romeo

Sherpa Romeo is discontinuing its current "Color" service for journal OA policies (more information: https://v2.sherpa.ac.uk/romeo/about.html). Sherpa Romeo has been significantly changed to show the

available options for OA pathways in the respective publication status of the journal registered in Sherpa Romeo.

2.2.2. Import of the license information of the electronic version by Unpaywall, CrossRef

Unpaywall and CrossRef collect OA information from more than 50,000 journals and OA repositories worldwide. When importing a publication from the two import sources, the OA license type specification, e.g. CC-BY, is also imported. You can then compare the imported OA information with Sherpa Romeo's OA recommendation and with the publisher's statement and correct or add to it if necessary.

3. New in the area "awards/projects" (new "project data model")

The new version introduces a new project data model for technical reasons. The most important change: in the project area, awards (i.e. projects linked to external funding (third-party funding)) are now separated from personal projects.

Previously, awards (third-party funding projects) and projects created via a personal entry were combined in a single "projects" category. Awards were automatically mapped from SAP into PURE with all essential information. Additional information was subsequently added by project managers or support staff.

With the new project data model introduced with this release, awards are now recorded in a separate category. As soon as a fund is created in SAP for a third party funding project, both a new "award" and a new "project" of the same name are mapped in PURE on the following day. As before, the most important data on the awards is automatically mapped from SAP into PURE.

Project leads and responsible editors will continue to have access to both the grant and associated project entries. Please note that a data addition in the "award" is not automatically transferred to the associated "project" and vice versa.

"Awards" cannot be deleted and are not publicly displayed in the FOX research portal. Only the "project" of the same name is publicly visible. So, as before, you do not need to manually create a third-party funded project in PURE and you can continue to create your own entries for personal, i.e. non-third-party funded projects.

4. Linking with SDG-specific keywords ("Sustainable Development Goals")

In the current version 4.42.4, the 17 Sustainable Development Goals (SDGs) are integrated with SDG-specific keywords. This allows researchers to link their research activities such as publications, projects, activities to the SDGs. These keywords can be added either automatically or manually by individual users. The automatic linking is based on certain existing information of the corresponding data types.

Linking SDG keywords to PURE content is currently provided for the researcher profile and for publications.

4.1. Researchers

The linking of SDG keywords to researchers is based on the existing information in your profile information (1), such as career, research areas, teaching areas, transfer and service, practice projects as well as keywords within their fields of expertise (2).
Please add SDG-relevant information in your research profile and in your fields of expertise.

4.2. Publications

The linking of SDG keywords for publications is based on the existing information in the **title, abstract** and **keywords** of the publications. Please check and add any missing information in both German and English so that the linking to the SDG keywords can be considered gradually.

The SDG keywords of publications can be transferred to or removed from the organizations, projects and people linked to them. However, SDG keywords added manually cannot be removed automatically.

The link to SDG keywords is currently not visible in the research index (FOX).