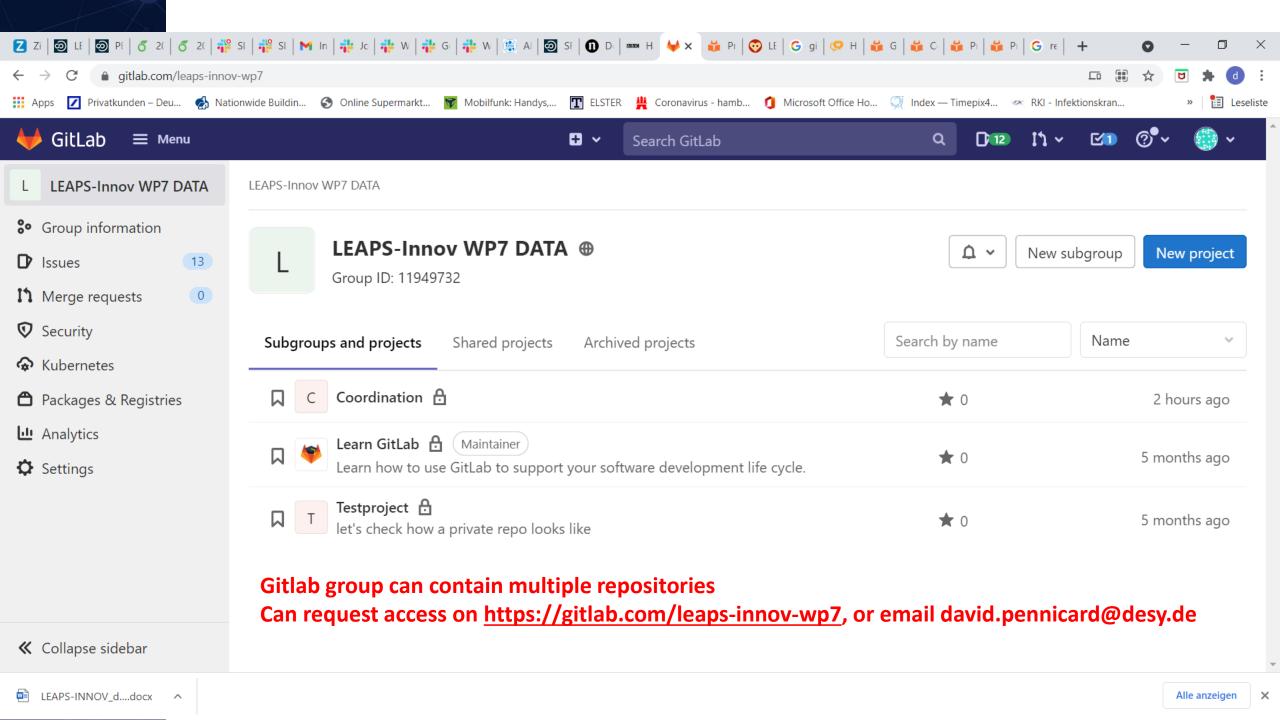
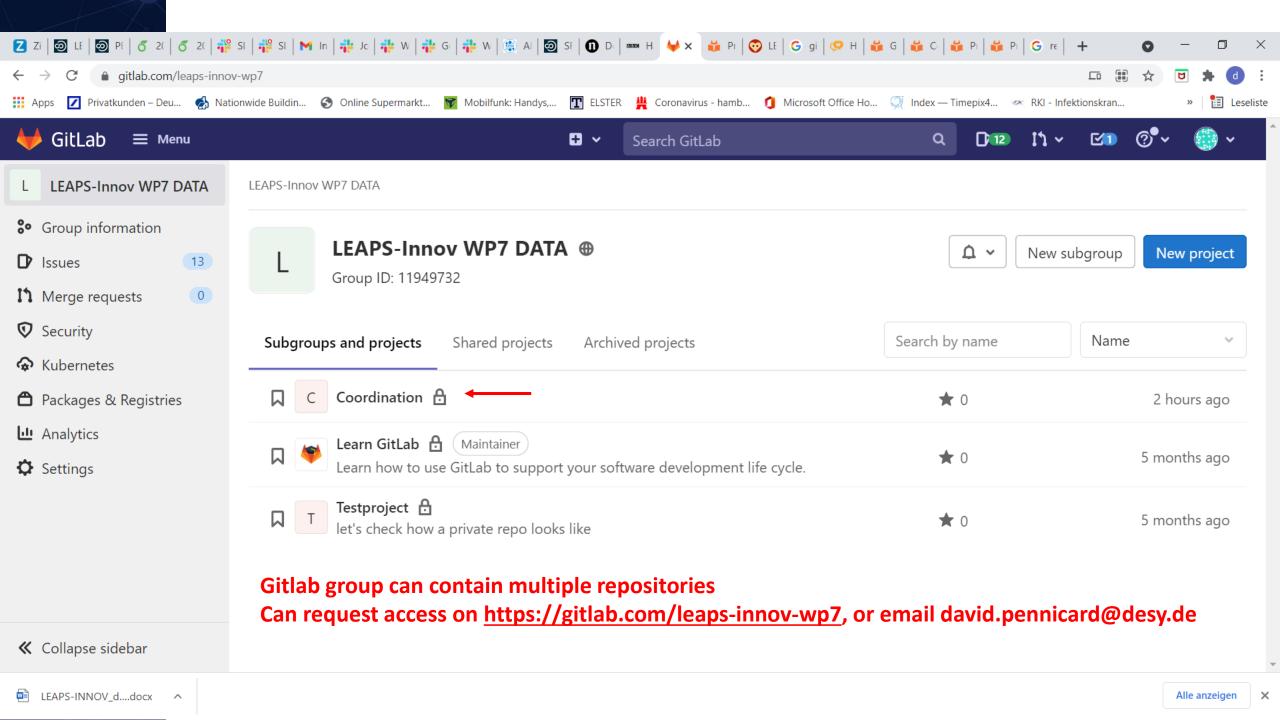
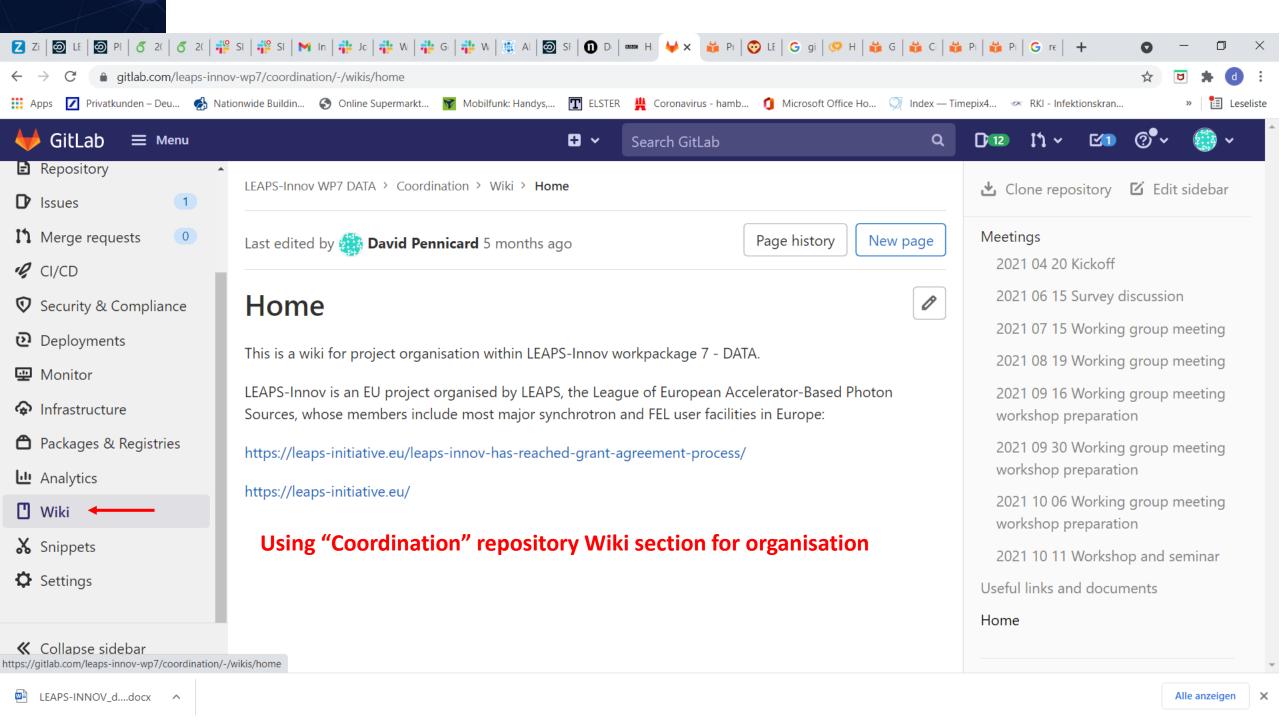
Collaboration platform webpage

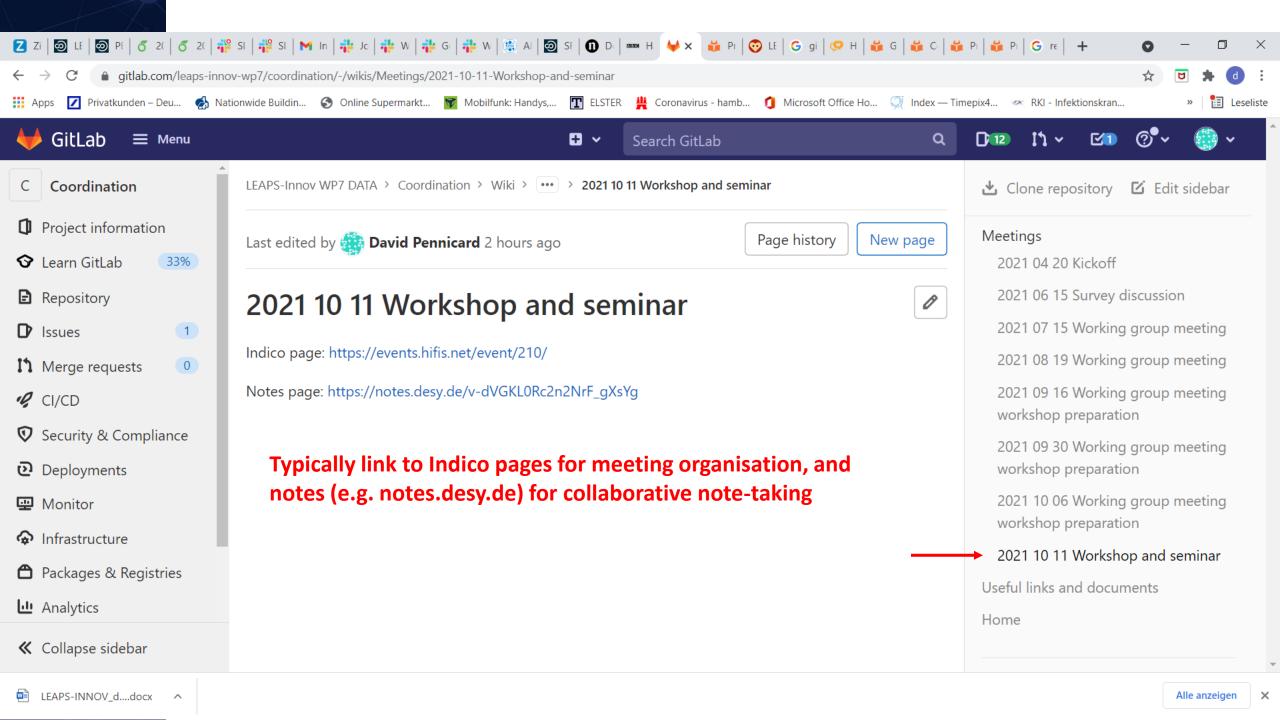
- Will use Gitlab for both tasks:
 - Sharing code and data
 - Sharing information / organisation using wiki functionality
- Can supplement this with links to other sites as needed
 - Indico, Notes etc.
- Gitlab group: https://gitlab.com/leaps-innov-wp7

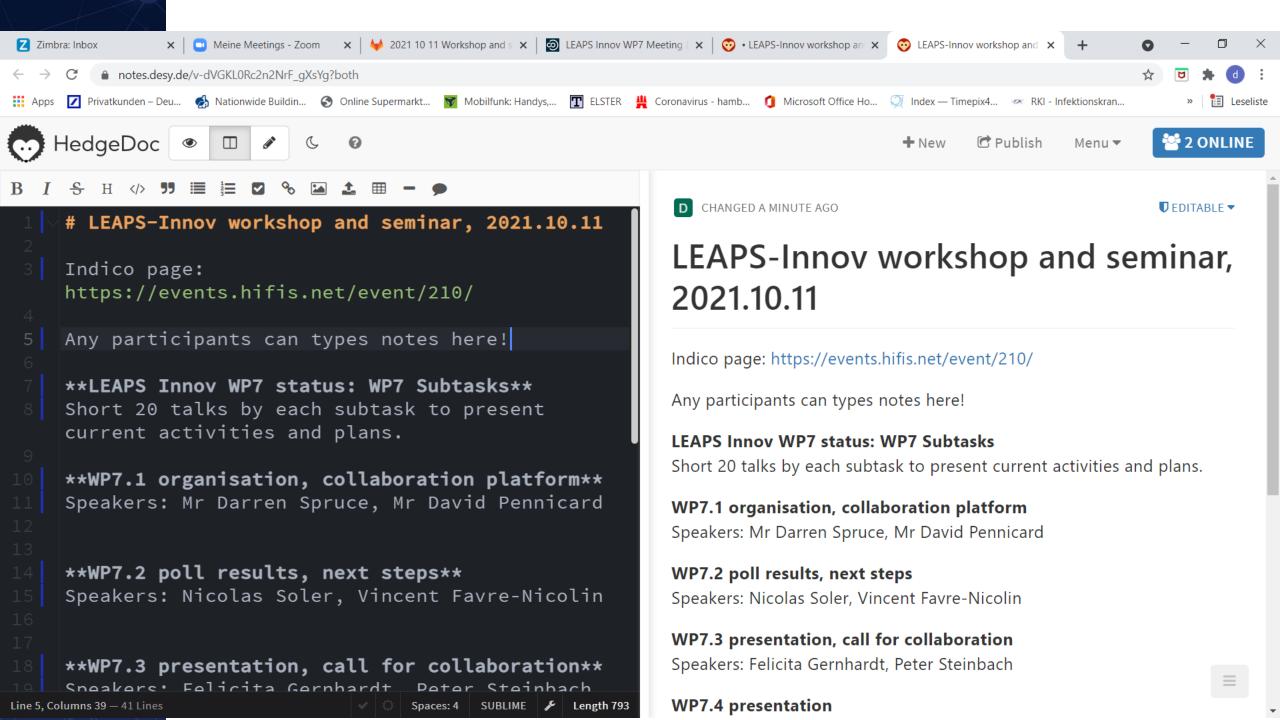


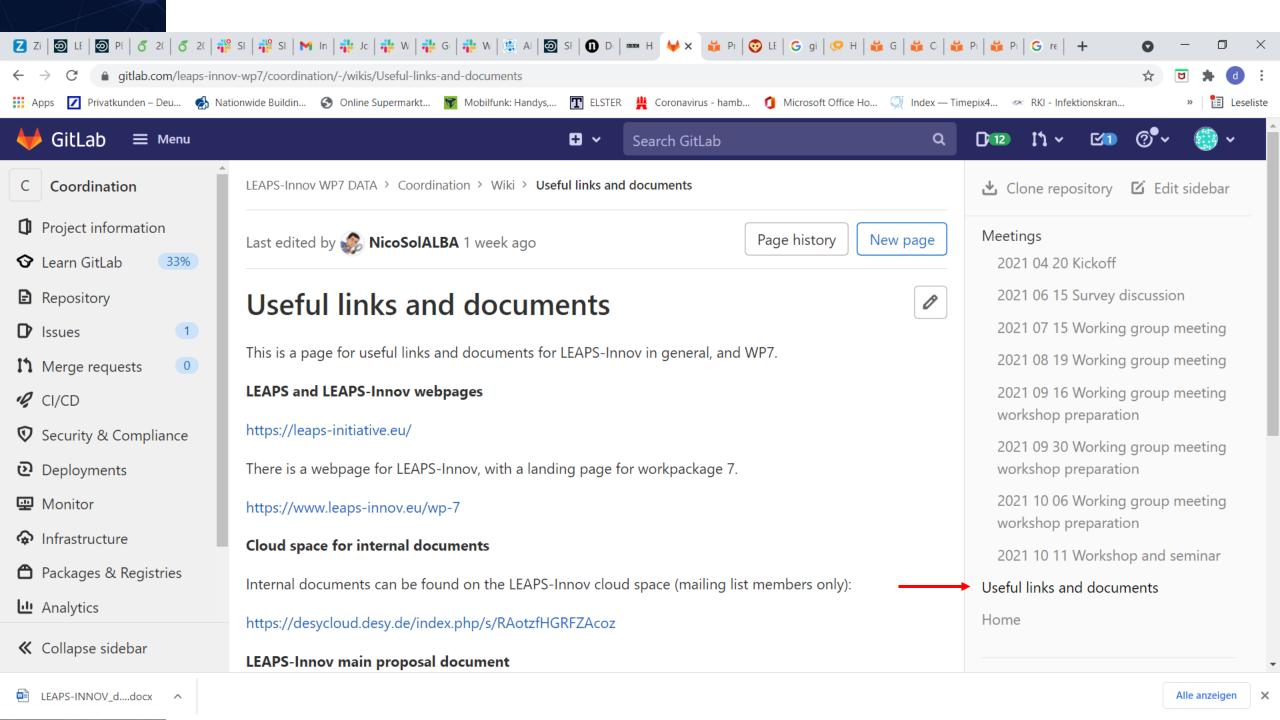


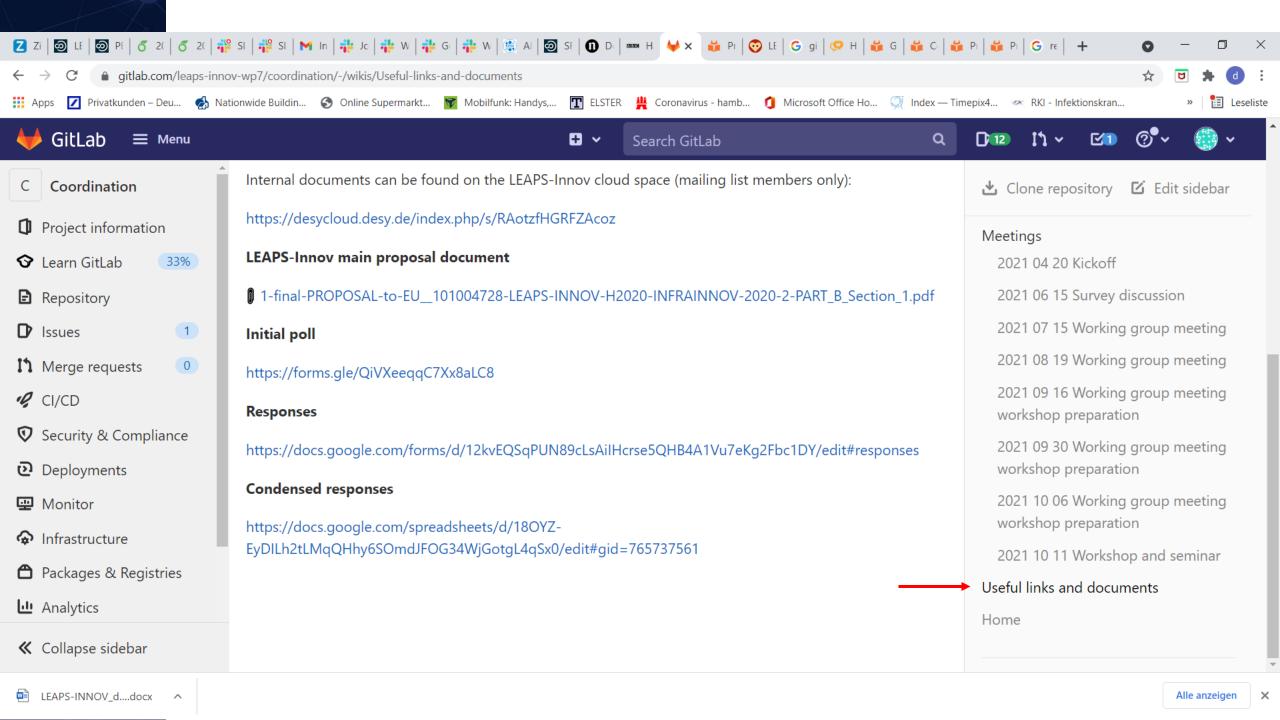


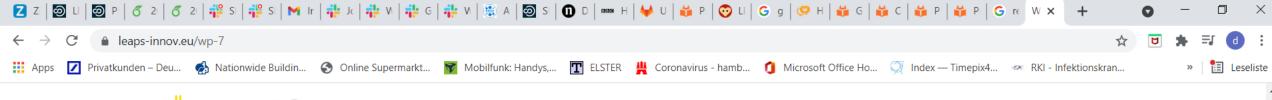












News



Events

Careers

Data Reduction and Compression

About

Work Package Leader:

D. Spruce (MAXIV), D. Pennicard (DESY)

Thanks to improvements in sources and beamline instrumentation, photon science experiments are producing exponentially increasing quantities of data.

WP 7 focuses on reducing and compressing this data, in order to help users to analyse their results more quickly and to reduce the cost of data storage. A variety of different approaches will be explored, such as data triage (rejecting "bad data"), preprocessing data, and both lossy and lossless compression methods. This will be done both through new research within LEAPS-INNOV (based on a survey of light sources' needs) and by improving sharing of ongoing work. Knowledge exchange with industrial partners will help ensure that these methods are compatible with commercially-available detectors, and that we make efficient use of new computing hardware.

LEAPS-Innov website page can be updated by request leaps-innov.eu/wp-7

Publications

Contact

Next steps?

- Based on survey, can compile a page with links to code repositories from different labs
- Adding task 7.2 report when it's done
- Repos can be added for code developed in task 7.3

