

# **LEAPS-Innov Annual Meeting 2022 - WP7**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Welcome and introduction

*Tuesday 3 May 2022 15:15 (15 minutes)*

**Presenter:** SPRUCE, Darren (MAX IV Laboratory, Lund University, Lund, Sweden)

**Session Classification:** WP7 session 1

Contribution ID: 2

Type: **not specified**

## Task 7.1 - Collaboration platform

*Tuesday 3 May 2022 15:30 (15 minutes)*

**Presenter:** PENNICARD, David (FS-DS (Detektorsysteme))

**Session Classification:** WP7 session 1

Contribution ID: 3

Type: **not specified**

## **Highlights from task 7.2: report on data compression & reduction needs, outlook on the next task on metrics**

*Tuesday 3 May 2022 15:45 (25 minutes)*

**Presenters:** Dr SOLER, Nicolas (ALBA); FAVRE-NICOLIN, Vincent (ESRF-The European Synchrotron)

**Session Classification:** WP7 session 1

Contribution ID: 4

Type: **not specified**

## **Task 7.3, First experiences with custom pipelines for compression**

*Tuesday 3 May 2022 16:10 (20 minutes)*

**Presenter:** Dr GERNHARDT, Felicita (HZDR)

**Session Classification:** WP7 session 1

Contribution ID: 5

Type: **not specified**

## **Evaluation of lossless compression algorithms on tomography data obtained at SOLEIL**

*Tuesday 3 May 2022 16:30 (15 minutes)*

**Presenter:** Dr CASSAM-CHENAÏ, Gamil (SOLEIL)

**Session Classification:** WP7 session 1

Contribution ID: 6

Type: **not specified**

## **Tomography at ALBA FxToR. Upcoming challenges with PB-sized data at tomography beamlines**

*Tuesday 3 May 2022 17:00 (15 minutes)*

**Presenters:** PATERA, ALESSANDRA (CELLS); MITTONE, Alberto

**Session Classification:** WP7 session 1

Contribution ID: 7

Type: **not specified**

## Update on DESY activities

*Tuesday 3 May 2022 17:15 (15 minutes)*

**Presenter:** PENNICARD, David (FS-DS (Detektorsysteme))

**Session Classification:** WP7 session 1



Contribution ID: 8

Type: **not specified**

## Update on Eu.XFEL activities

*Tuesday 3 May 2022 17:30 (15 minutes)*

**Presenter:** SOBOLEV, Egor (Eur.XFEL (European XFEL))

**Session Classification:** WP7 session 1

Contribution ID: 9

Type: **not specified**

## Update on MAX-IV activities

*Tuesday 3 May 2022 17:45 (15 minutes)*

**Presenter:** MATEJ, Zdenek (MAX IV Laboratory, Lund University)

**Session Classification:** WP7 session 1

Contribution ID: **10**

Type: **not specified**

## Collaboration with industry

*Wednesday 4 May 2022 09:00 (15 minutes)*

**Presenter:** Dr JANOUSCH, Markus (PSI)

**Session Classification:** WP7 Session 2

Contribution ID: **11**

Type: **not specified**

## Discussion

*Wednesday 4 May 2022 09:15 (1h 15m)*

Getting feedback on metrics for compression

Putting improved compression methods into practice (e.g. organizing a tutorial or “hackathon”)

Areas for further cooperation between institutes

Working with consultants

**Session Classification:** WP7 Session 2

Contribution ID: 12

Type: **not specified**

## **Leveraging the best features of the Blosc2 meta-compressor from HDF5**

*Wednesday 4 May 2022 11:00 (30 minutes)*

**Presenter:** Dr ALTED, Francesc (ironArray)

**Session Classification:** WP7 Session 2

Contribution ID: **13**

Type: **not specified**

## Discussion

*Wednesday 4 May 2022 11:30 (1h 30m)*

**Session Classification:** WP7 Session 2

Contribution ID: 14

Type: **not specified**

## **Brief reports from other institutes and discussion**

*Tuesday 3 May 2022 18:00 (30 minutes)*

**Session Classification:** WP7 session 1