TA5 matters

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26/09/2024

Updates from MB

Midterm report – close to final version

Discussions for **PUNCH 2.0** have started – role of TA5 2.0 to be discussed/defined

Preparation of **PUNCH annual meeting** in Bonn:

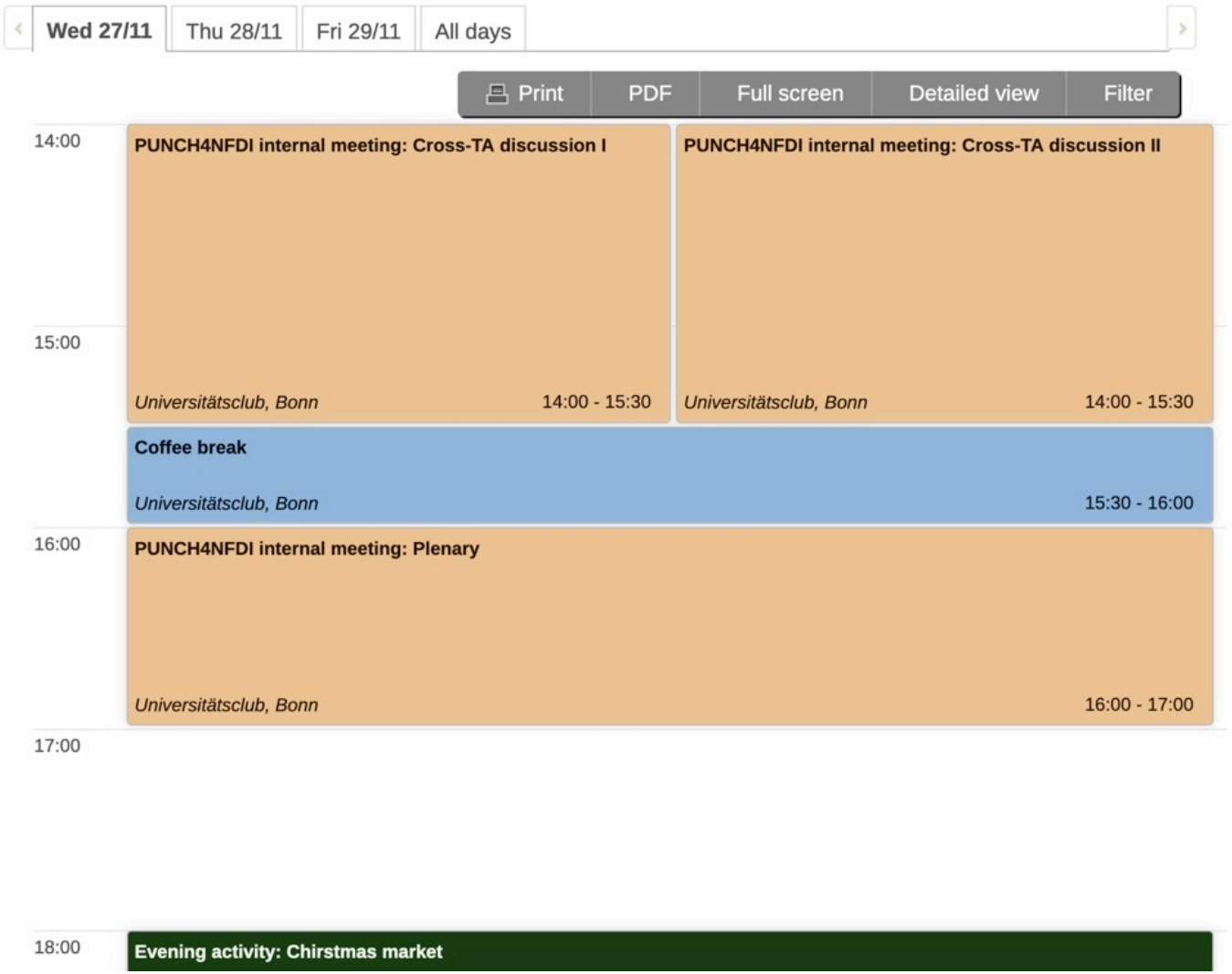
- November 27-29 in Bonn https://indico.desy.de/event/45458/
- Registration has started
- TA5 internal meeting can be added (next slides)

Cross-cutting topic(s):

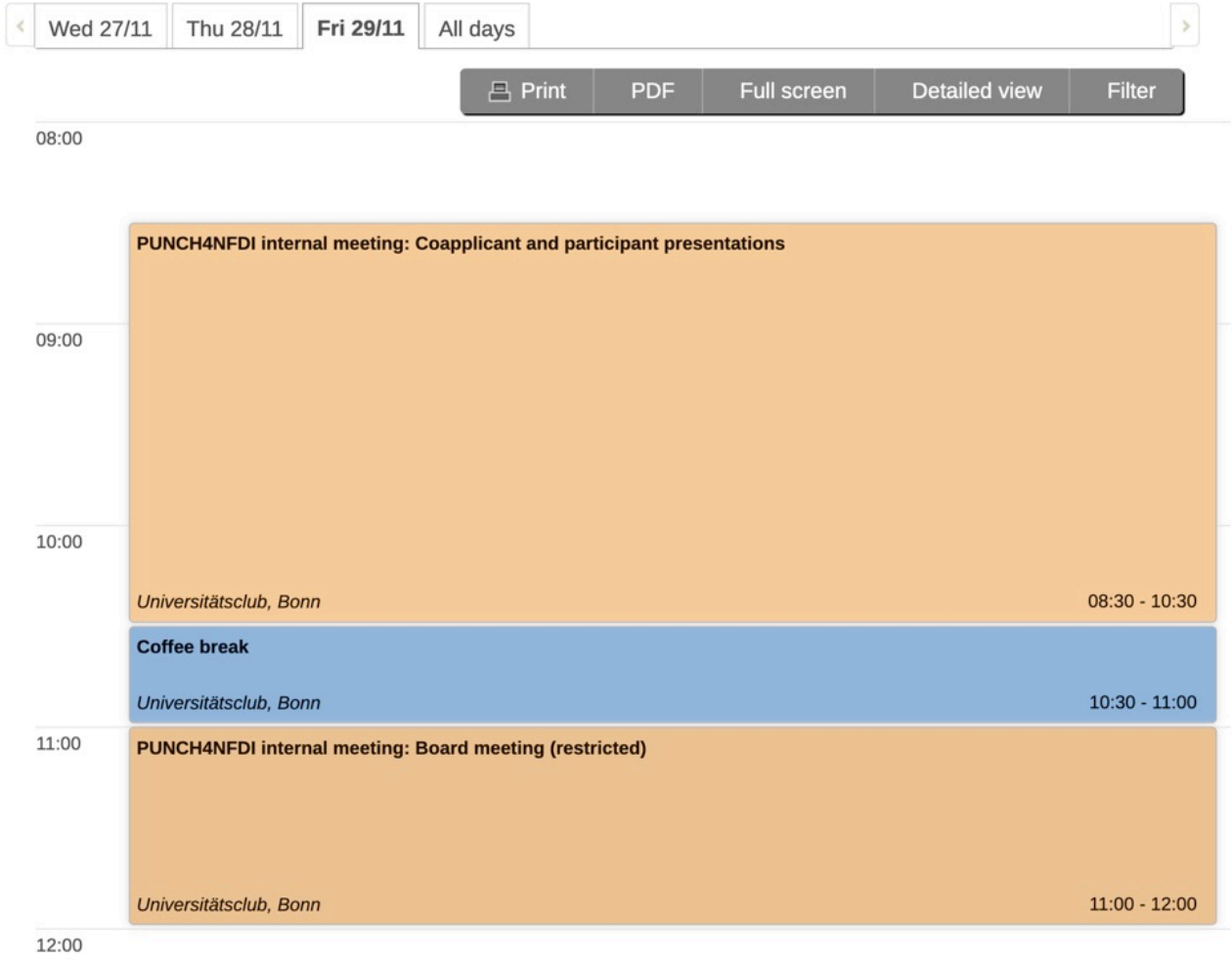
- Collection of topics (please let us know)
- Discussion with TA2 would be useful: Workflows of TA5 (ML-PPA) on C4P

Annual meeting – 1st day

TA5 meeting at 12:30 ?



Annual meeting – 3rd day



TA5 meeting at 13:00 ?

TA5 – short overview

WP2

- Deliverable D-TA5-WP2-3 Test environment for identifying highly complex (multi-parametric) signals in huge data streams. → Overleaf document, status update today
- ML on FPGAs: Deliverable to be finalized / recent workshop at TU Dresden

WP3: NFDI talk on October 21: AMPEL (J. Nordin)

WP4

- User Story: Software to the data: Running container interactively in compute centres
- Article by Marcel Trattner
- Motivated by **Machine Learning-based Pipeline for Pulsar Analysis**

WP5: Deliverables postponed

Agenda today

TA5 Meeting

Donnerstag 26.09.2024, 09:00 → 10:15 Europe/Berlin

Andreas Redelbach (Frankfurt Institute for Advanced Studies), Michael Kramer (Max-Planck-Institut fuer Radioastronomie)

Beschreibung

https://eu01web.zoom.us/j/93015962033?pwd=QzlPZm1TVTlkQ1lGam85WDJjbzVTZz09

Internal documentation: https://intra.punch4nfdi.de/?md=/docs/TA5/overview.md

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09:00 → 09:10 **TA5 at PUNCH annual meeting** 10m

Sprecher: Andreas Redelbach (Frankfurt Institute for Advanced Studies), Michael Kramer (Max-Planck-Institut fuer Radioastronomie)

09:10 → 09:25 **Deliverable for ML on FPGAs** 15m

Sprecher: Arno Straessner (TU Dresden)

09:25 → 09:40 **Prototype for dynamic filtering and document** 15m

09:40 → 09:55 **AMPEL at NFDI talks** 15m

Sprecher: Jakob Nordin (HU Berlin)