



# ABP news

**April 22<sup>th</sup>, 2021**

**Y. Papaphilippou**

## ■ News from the SA:

- **COVID19 update:** appreciate the continued effort for support of personnel by all services
- **5-Yearly review:** External expert (OECD) study on financial condition presented, data on diversity and inclusion important to be monitored in a continuous way
- **OMBUD's** report to staff council
- **Modification of SRR:** Introduction of specific complaint procedure for privacy issues, amendment to Article S VI 1.07 for additional case of direct referral to the ILOAT
- **SA cocktail** with delegations of member states on 31/03

## ■ HR

- **HR public meetings** on 26/04/21 ([English](#)) and 27/04/21 ([French](#)) at 14:00
- All **MERIT** qualifications have been approved to be distributed via GL's and SLs to staff soon. Continues trend of not using “Fair” qualification, to be addressed

## ■ Operation (19/04/2021)

- Linac4: **100% availability**
- PSB: Very good progress in ISOLDE, MTE, TOF and LHC25 beams, **Loss maps & resonance compensation** studies for loss (ISOLDE) and vertical tail (LHC25) reduction, **Chromaticity** measured/corrected, stripping foil characterization, **Optics studies using the AC dipole, energy matching**
- PS: **Horizontal instabilities** cured by adjusting **PFWs** (positive chroma). Losses (start of splitting of LHC25 flat top) due to **e-cloud effect**. **Scrabbing** run with high intensity LHC25 beam on-going, vacuum level reduced gradually
- SPS: **Circulating beam** up to start of ramp, good availability of instrumentation, beam expected today evening
- ELENA/AD: **Beam** for the first time at the end of the **LNE05 line** (ASACUSA), tests on measured B-train and magnetic history effects
- Linac3: **Plasma chamber** changed and ovens **refilled** with new lead in crucible with beak, beam back last week after conditioning and tests on energy measurement application
- AWAKE: Beginning of **Laser experiments** (pulse propagation through the Rb vapor source)
- LHC: **Powering tests and training**

S12	S23	S34	S45	S56	S67	S78	S81
Phase 2	Phase 1	Training	Phase 2	Phase 1	Cooldown	Training	Cold
		40 / 11770 A				59 / 11534 A	

- **Muon collider study** presented by **D. Schulte**
  - **Roadmap** to be decided by Council at the end of 2021
  - **EU project** proposal (test facility) to be prepared by the end 2021.
  - Internal discussion with Daniel for evolution of **ABP resources** in particular for program beyond 2021
- **Approval of the BE Student projects** for forthcoming TSC, currently converging internally to **final candidate list** requests for committee
- **Other news**
  - **FLASH** resources to be clarified in different groups (situation for ABP clarified, in meeting with Steiner et al.)
  - **EN-ACE** mentioned development of **machine learning** module for predictive maintenance (INFOR asset management team, working with COLEMAN company)
  - Most **PJAS contracts** to be covered by new graduate program, at least in place by mid-2022
  - **ATS needs** with respect to **computing** to be **centralised** through **ATS-IT steering board** (**G. Iadarola** following this for off-line computing, i.e. HPC, GPUs, ...)
  - **G. Arduini** nominated member of **Scientific Advisory Board** of the **Education, Communications and Outreach** unit
  - **CLEAR review** report to be presented during next IEFC
  - **Career break fellows**: a couple of positions financed entirely by HR

# More news...



- **IPAC 2021 paper approval deadlines: 28/04/21 for ABP, 05/05/2021 for BE**
- **I. Efthymiopoulos** appointed as **Transnational Access Deputy Project coordinator**, proposal to be drafted and submitted to EU
- **T. Persson** will move to **BE-OP-LHC EIC** post, as of **01/01/2022**
- **Letter** drafted for **wire compensation HW** for TRIUMF (in support for receiving national funds), to be signed by HL-LHC management
- **A. Huschauer** received invitation for presentation on **Alignment WG analysis** at the ATS-MB of 10/05/21. Internal discussion within BE is being scheduled (1<sup>st</sup> week of May)
- Meeting with OP on **ELENA/AD operation support** from ABP (**D. Gamba, C. Carli**)
- ABP contact to **Gamma Factory studies** within PBC -> YP

# More news...



## ■ Events/meetings/reviews

- HEL kick off on 13/04/21: Some follow-up by WP2-WP5, in particular for the (e-beam) measurement planning
- FCCee injector review on 19 and 22/04/2021
- 3<sup>rd</sup> HL-LHC TCC day on 20/04/2021: **R. Bruce** presented **Run 3 measurements in support of HL-LHC**, progress on crystal collimation also presented
- LBOC on 20/04/2021, with presentation by **S. Fartoukh** on **Update from the Run 3 WG**
- HL-LHC heat loads scope internal review on 27/04/2021.
- I-FAST kick-off on 04/05/2021