

Session Program

Mar 3 - 6, 2024



I.FAST Workshop 2024 on Bunch-by-Bunch Feedback Systems and Related Beam Dynamics

Hardware for fast signal processing

KIT

Reception and kick-off meeting: March 03, 18:30-20:30 --> ACHAT Hotel Karlsruhe <https://achat-hotels.com/en/hotels/karlsruhe-city> Workshop: IBPT, KIT Campus North, Bldg. 348, KARA seminar room

Mon, March 4

2:25 PM

Hardware for fast signal processing

Session |

Location: Bldg 348, KIT Campus North, KARA large seminar hall, Hermann-von-Helmholtz-Platz 1 76344 Eggenstein-Leopoldshafen |

Convener: Micha Dehler

14:25 - 14:50

Longitudinal Feedback Using a Low-pass Differentiator

Speaker

Dmitry Teytelman

14:50 - 15:15

Bunch-by-Bunch observation, feedback and manipulation using the DLS-MBF in BESSY

Speaker

Günther Rehm

3:15 PM

3:15 PM

Hardware for fast signal processing

Session |

Location: Bldg 348, KIT Campus North, KARA large seminar hall, Hermann-von-Helmholtz-Platz 1 76344 Eggenstein-Leopoldshafen |

Convener: Günther Rehm

15:15 - 15:40

RFSoc-based digital signal processing for SLS2.0 multi-bunch feedback system

Speaker

Pedro Baeta

15:40 - 16:05

Bunch-by-bunch feedback system for PETRA IV

Speaker

Sven Pfeiffer

16:05 - 16:15

Hardware for fast signal processing: Short discussion

4:15 PM