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Welcome and Kickoff Meeting: The IFAST Workshop 2024 on Bunch-by-Bunch Feedback Systems and Related Beam Dynamics

ACHAT Hotel Karlsruhe, 3. March 2024

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IFAST



Contents

- Workshop Overview
- Introduction to KIT and Activities for Accelerator Physics and Technology

The Workshop Overview

- IFAST Task 7.2: Networking
- Joint Organization with SOLEIL and KIT-IBPT
- Joint Experimental Campaign with the EUROLAB Project
- Another workshop (Injector workshop) follows this workshop

Networking also works well in the organization stage.

The Workshop Overview

- Several Fascinating Topics to Be Discussed
 - Beam Instrumentation and High Power Systems: 7
 - Hardware for Fast Signal Processing: 4
 - Related Beam Dynamics: 4
 - Applications and New Ideas: 3

Thank you for your contribution to the workshop!

The Workshop Overview

- Joint Experimental Campaign: Topics
 - Vertical Emittance/Beam-Size Control
 - Commissioning Experiment to Find Common Procedures
 - Longitudinal Kick Test at Booster Synchrotron

Thank you for your discussions on planning the experiments!

Information & Organization

- Bus Transport from ACHAT Hotel to KIT North Campus

Monday and Tuesday: **8:30 a.m.**

Wednesday: **9:00 a.m.**

- Please don't forget your nameplate and boucher for canteen.

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