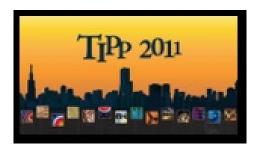
## TIPP 2011 - 2nd International Conference on Technology and Instrumentation in Particle Physics



Contribution ID: 471

Type: Oral Presentation

## The FONT5 bunch-by-bunch position and angle feedback system at ATF2

Saturday, 11 June 2011 10:00 (25 minutes)

The FONT5 upstream beam-based feedback system at ATF2 is designed to correct the position and angle jitter at the entrance to the ATF2 final-focus system, and also to demonstrate a prototype intra-train feedback system for the International Linear Collider interaction point. We discuss the hardware, from stripline BPMs to kickers, and RF and digital signal processing, as well as presenting results from the latest beam tests at ATF2.

Primary author: CHRISTIAN, Glenn (John Adams Institute for Accelerator Science)

Presenter: CHRISTIAN, Glenn (John Adams Institute for Accelerator Science)

Session Classification: Machine Det. Interface and Beam Instr.

**Track Classification:** Machine Detector Interface and Beam Instrumentation