



## PAC09 abstracts

- Were collected in an organized way and reviewed by interim reading committee
- In many cases found that important topics are not represented – asked colleagues to submit them
- In several cases reviewing abstracts allowed to establish better collaboration links for future work, e.g. SC FD and stability studies, and squeezed beta
- Reviewing was useful, and also hopefully gave a bigger picture to all the collaborators, allowing better connection and collaboration
- ~31 ATF/ATF2 related abstracts, and from this ~28 directly related to ATF2 research program



# PAC09 titles

- ID: 1176 ATF2 Commissioning
- ID: 2042 ATF2 Spot Size Tuning Using the Rotation Matrix Method
- ID: 2133 Possible limitations in coupling correction using orbit response matrix analysis
- ID: 2157 Permanent magnet Final Focus Doublet R&D for ILC at ATF2
- ID: 2208 Micron Size Laser-wire System at The ATF Extraction Line, Recent Results And ATF-II Upgrade
- ID: 2221 Beam waist manipulations at the ATF2 interaction point
- ID: 2255 Design and Performance of Intra-train Feedback Systems at ATF2
- ID: 2267 Beam test results with the FONT4 ILC prototype intra-train beam feedback system
- ID: 2274 Development of a Fast Micron-Resolution Beam Position Monitor Signal Processor for Linear
- ID: 2278 Superconducting Magnets for a Final Focus Upgrade of ATF2
- ID: 2380 Plans and Progress towards Tuning the ATF2 Final Focus System to Obtain a 35nm IP Waist
- ID: 2384 Study of the Effect of the Non-linear Magnetic Fields in the Extraction Region of the ATF
- ID: 2390 Beam orbit tilt monitor studies at ATF2
- ID: 2462 Development of the C-band BPM system for ATF2
- ID: 2472 Development of the S-band BPM system for ATF2



# PAC09 titles

- ID: 2535 Coupling correction in ATF2 extraction line
- ID: 2554 Nanometer Order of Stabilization for Precision Beam Size Monitor (Shintake monitor)
- ID: 2580 Orbit reconstruction, correction, stabilization and monitoring in the ATF2 Extraction line
- ID: 2621 Measurement of non-linear resonances in the ATF DR
- ID: 2625 Status of the first commissioning of the Shintake monitor for ATF2
- ID: 2631 ATF2 ultra-low IP betas proposal
- ID: 2756 Beam Impact Studies for ILC Collimators
- ID: 2838 Linear collider test facility: ATF2 Final Doublet Active stabilization pertinence
- ID: 2855 Linear Collider Final Doublet Considerations: ATF2 vibration measurements
- ID: 2958 Interfacing of Third-party Accelerator Code with the Lucretia Flight Simulator
- ID: 2962 A Flight Simulator based Beam Based Alignment package for ATF2
- ID: 3005 A Study of Lens Effects on Laser-wire Data
- ID: 3130 Beam test of the strip-line kicker at KEK-ATF
- ID: 3406 Interferometric IP Position Monitoring system for ATF2
- ID: 3612 A proposal of a single coupler cavity beam position monitor
- ID: 3859 Nanometer resolution beam position monitor for the ATF2 interaction point region