

ATF/ATF2 Papers: Conference Proceedings

2019	Douglas Bett et al.,	Nanosecond-Latency Sub-Micron Resolution Stripline Beam Position Monitor Signal Processor for CLIC	IPAC2019
	Pierre Korysko et al.,	Intensity dependent effects in the ILC BDS	IPAC2019
	Pierre Korysko et al.,	Intensity dependent effects at ATF2, KEK	IPAC2019
	Si-Won Jang et al.,	Development of L-band Cavity BPM for STF	IPAC2019
	M. Bergamaschi et al.,	Recent results using incoherent Cherenkov Diffraction Radiation for non-invasive beam diagnostics	IPAC2019
Douglas Bett et al.,	Real-Time Beam Orbit Stabilisation to 200 Nanometres in Single-Pass Mode Using a High-Precision Dual-Phase Feedback System	IPAC2019	
2018	Stefano Mazzoni et al.,	Recent Results on Non-invasive Beam Size Measurement Methods Based on Polarization Currents	IBIC2018
	Renjun Yang et al.,	Development of a a YAG/OTR Monitor	IBIC2018
	R. Ramjiawan et al.,	Development of a Low-Latency, High-Precision, Beam-Based Feedback System Based on Cavity BPMs at the KEK ATF2	IPAC2018
T. Bromwich et al.,	Performance of Nanometre-Level Resolution Cavity Beam Position Monitors at ATF2	IPAC2018	
2017	Douglas Bett et al.,	Improving the Performance of an Orbit Feed-forward Based on Quadrupole Motion at the KEK ATF	IPAC2017
	N. Fuster-Martínez et al.,	ATF2 Beam Halo Collimation System Background and Wakefield Measurements in the 2016 Runs	IPAC2017
	M. Bergamaschi et al.,	Diffraction Radiation for Non-Invasive, High-Resolution Beam Size Measurements in Future Linear Colliders	IPAC2017
	T. Bromwich et al.,	Progress Towards Nanometre-Level Beam Stabilisation Using a Cavity BPM System at ATF2	IPAC2017
	N. B. Kraljevic et al.,	Optimisation of a High-Resolution, Low-Latency Stripline Beam Position Monitor System for Use in Intra-Train Feedback	IPAC2017
Renjun Yang et al.,	Experimental Study of Halo Formation at ATF2	IPAC2017	
2016	Glenn Christian et al.,	A Fast, Custom FPGA-Based Signal Processor and Its Applications to Intra-Train Beam Stabilisation	PCaPAC2016
	T.Okugi	Achievement of small beam size at ATF2 beamline	LINAC 2016, MO3A02
	Renjun Yang et al.,	Modeling and Experimental Studies of Beam Halo at ATF2	IPAC2016
	Douglas Bett et al.,	Ground Motion Compensation using Feed-forward Control at ATF2	IPAC2016
	D.Wang et al.,	Analytical estimation of ATF beam halo distribution	IPAC2016
	N. B. Kraljevic et al.,	Development of a low-latency, micrometre-level precision, intra-train beam feedback system based on cavity beam position monitors	IPAC2016
	N. B. Kraljevic et al.,	Bunch-by-bunch position and angle stabilisation ATF based on sub-micron resolution stripline beam position monitors	IPAC2016
	N. Fuster-Martinez et al.,	Commissioning and First Performance Studies of a Single Vertical Beam Halo Collimation System at ATF2	IPAC2016
	Marcin Patecki et al.,	Progress in Ultra-Low β^* Study at ATF2	IPAC2016
	Si-Won Jang et al.,	The Development of C-Band Cavity Beam Position Monitor with a Position Resolution of Nano Meter	IPAC2016
	T.Naito et al.,	Beam halo measurement utilizing YAG: Ce screen	IBIC2016
	N. Fuster-Martinez et al.,	Performance studies of a single vertical beam halo collimation system at ATF2	IBIC2016
	N. B. Kraljevic et al.,	Performance of nanometre-level resolution cavity beam position monitors and their application in an intra-train beam position feedback system	IBIC2016
	N. B. Kraljevic et al.,	Intra-train position and angle stabilisation at ATF based on sub-micron resolution stripline beam position monitors	IBIC2016
2015	O. R. Blanco et al.,	Status of ATF2 IP-BPM Project	IPAC2015
	M. Patecki et al.,	Contribution of Optical Aberrations to Spot-size Increase with Bunch Intensity at ATF2	IPAC2015
	M. Patecki et al.,	Towards Ultra-Low beta* in ATF2	IPAC2015
	S. Liu et al.,	Investigation of Beam Halo Using In Vacuum Diamond Sensor at ATF2	IPAC2015
	A. Latina et al.,	Tests of Wakefield-Free Steering at ATF2	IPAC2015
	P. Burrows et al.,	Progress Towards Electron-Beam Feedback at the Nanometre Level at the Accelerator Test Facility (ATF2) at KEK	IPAC2015
	N. B. Kraljevic et al.,	Design, testing and performance results of a high-resolution, broad-band, low-latency stripline beam position monitor system	IPAC2015
	N. Fuster-Martinez et al.,	Realistic Beam Halo Model study in the Extraction Line of ATF2	IPAC2015
	N. Fuster-Martinez et al.,	Design Study and Construction of a Transverse Beam Halo Collimation System for ATF2	IPAC2015
	N. B. Kraljevic et al.,	Progress Towards Electron-Beam Feedback at the Nanometre Level at the Accelerator Test Facility (ATF2) at KEK	IBIC2015
R. Kieffer et al.,	Development of a Versatile OTR-ODR Station for Future Linear Colliders	IBIC2015	
2014	J. Pflugstner et al.,	Experimental Verification Towards Feed-Forward Ground Motion Mitigation at ATF2	LINAC2014, MOPP032
	Si-Won Jang et al.,	Development of a cavity-type beam position monitors with high resolution for ATF2	IPAC2014, MOPME058

	N. Fuster-Martinez et al., Kiyoshi Kubo Benoit Bolzon et al., Shan Liu et al., Si-Won Jang et al.,	Design and Feasibility Study of a Transverse Halo Collimator System for ATF2 Towards an International Linear Collider: Experiments at ATF2 Improvement of Beam Imaging Systems through Optics Propagation Simulations Beam Halo Measurements using Wire Scanners at ATF2 The High Position Resolution Cavity BPM Developments and Measurement for ILC Final Focus System	IPAC2014, MOPRO033 IPAC2014, WEZA01 IPAC2014, THPME184 IPAC2014, THPME091 IPAC2014, THPME147
	Shan Liu et al., G.B.Christian et al.,	Status of Diamond Detector Development for Beam Halo Investigation at ATF2 A sub-micron resolution, wide-band, stripline BPM system for driving bunch-by-bunch feed-back and feed-forward systems at ATF	IPAC2014, THPME092 IPAC2014, TUPME009
	N. B. Kraljevic et al.,	Development of a low-latency, high-precision, intra-train beam feedback system based on cavity beam position monitors	IPAC2014, THOAA02
	J. Pflingstner et al., S. Kuroda A. Rawankar et al.,	Localisation of Beam Offset Jitter Sources at ATF2 ATF2 for final focus test beam for future linear colliders Pulse green laser wire system for effective inverse Compton scattering	IPAC2014, TUPRO019 ICHEP2014 IBIC2014, TUCYB2
2013	T. Naito et al., E. Marin et al., Y. Renier et al., S. Bai et al.,	BEAM OSCILLATION MONITOR FOR THE MULTI-BUNCH BEAM Design and high order optimization of the ATF2 lattices* Turn-by-turn Measurements at the KEK-ATF Simulation on the breaking of αx multiknob orthogonality in the presence of gradient and coupling errors and experimental investigation	PAC2013, MOPME018 PAC2013, TUPBA25 IPAC2013, TUPME045 IPAC2013, TUPWO017
	P. Bambade et al.,	In Vacuum High Accuracy Mechanical Positioning System of Nano Resolution Beam Position Monitor at the Interaction Point of ATF2	IPAC2013, TUOCB203
	L. Nevay et al., D. R. Bett et al., Y. I. Kim et al., J. Snuverink et al.,	Sub-Micrometre Resolution Laserwire Transverse Beam Size Measurement System Development of a high-resolution, broad-band, stripline beam position monitoring system Cavity beam position monitor at the interaction point region of accelerator test facility 2 Short Range Wakefield Measurements of High Resolution RF Cavity Beam Position Monitors at ATF2	IPAC2013, MOPWA053 IPAC2013, MOPWA057 IPAC2013, MOPWA058 IPAC2013, MOPWA052
	J. Pflingstner et al., A. Faus-Golfe et al., T. Naito et al., S. Liu, et al.,	Performance Comparison of Different System Identification Algorithms for FACET and ATF2 Upgrade and Systematic Measurement Campaign of the ATF2 Multi-OTR System Beam Oscillation Monitor For The Multi-bunch Beam Development of Diamond Sensors for Beam Halo and Compton Spectrum Diagnostics After The Interaction Point of ATF2	IPAC2013, TUPME050 IPAC2013, MOPWO023 IPAC2013, MOOPME018 IPAC2013, MOPME003
	P. N. Burrows et al., Si-Won Jang et al., Y. I. Kim et al.,	Latest performance results from the font 5 intra train beam position feedback system at ATF Development of a cavity-type beam position monitors with high resolution for ATF2 Cavity beam position monitor in multiple bunch operation for the ATF2 interaction point region	IPAC2013, WEPME053 IPAC2013, THPME147 IBIC2013, TUPC22
	S. Boogert et al., B. Bolzon et al., M. R. Davis et al.,	Cavity Beam Position Monitor System for ATF2 Results of the high resolution OTR measurements at KEK and comparison with simulations Applications of stripline and cavity beam position monitors in low-latency, high-precision, intra-train feedback system	IBIC2013, MOPC27 IBIC2013, MOPF04 IBIC2013, WEBL2
	T. Naito et al., L. Nevay et al.,	Time trend observation of certain remarked bunches using a streak camera Sub-Micrometre Resolution Laserwire Transverse Beam Size Measurement System	IBIC2013, WEPC34 IBIC2013, MOPF16
2012	D.R.Bett et al.,	Latest Performance Results from the FONT5 Intra-train Beam Position and Angle Feedback System at ATF2	IPAC2012, WEPPP068
	P.N.Burrows et al.,	Development of a turn-by-turn beam position monitoring system for multiple bunch operation of the ATF damping ring	IPAC2012, MOPPR064
	P.N.Burrows et al.,	A low-latency sub-micron resolution stripline beam position monitoring system for single-pass beamlines	IPAC2012, MIPPR065
	J.Resta-Lopez et al., Sha bai et al.,	Study of Transverse Pulse-to-Pulse Orbit Jitter at the KEK Accelerator Test Facility 2 (ATF2) Waist Corrections at the Interaction Point of ATF2 in the Presence of IPBSM Fringe Rotations and Input Beam Sigma13, Sigma24	IPAC2012, MOPPR066 IPAC2012, TUPPC023
	D. Schulte et al., J. Alabau-Gonzalvo et al., K.Sakaue et al., T. Akagi et al., J.Alabau-Gonzalvo et al.,	Detection of Ground Motion Effects on the Beam Trajectory at ATF2 Optics and Emittance Studies using the ATF2 Multi-OTR System Refraction Contrast Imaging via Laser-Compton X-Ray Using Optical Storage Cavity Gamma-rays Generation with 3D 4-mirror Cavity for ILC Polarized Positron Source The ATF2 Multi-OTR system: studies and design improvements*	IPAC2012, TUPPR060 IPAC2012, MOPPR044 IPAC2012, WEOBB02 IPAC2012, WEPDD055 IBIC2012, TUPB70
	J.W.Flanagan et al., T.Naito et al., J. Yan et al.,	First measurements with coded aperture X-ray monitor at the ATF2 extraction line Emittance Measurement using x-ray beam profile monitor at KEK-ATF Measurement of nanometer electron beam sizes with laser interference using IPBSM	IBIC2012, MOPB72 IBIC2012, MOPB63 IBIC2012, TUCC04
2011	N. Terunuma. R. Apsimonet et al., G.B.Christian et al.,	KEK ATF Beam Instrumentation Program The FONT5 Prototype ILC Intra-train Feedback System at ATF2 Latest Performance Results from the FONT5 Intra-train Position and Angle Feedback System at ATF2	PAC2011, WEODN2 PAC2011, MOP265 IPAC2011, MOP0017
	B. Constance et al., J. Alabau-Gonzalvo et al., Eun-San Kim et al., L.J.Nevay et al., G.B.Christian et al.,	Transverse Beam Jitter Propagation in Multi-bunch Operation at ATF2 Optical Transition Radiation System for ATF2 Test Results on Beam Position Resolution for Low-Q IP-BPM at KEK-ATF2 Micron-scale Laser-wire at the ATF-II at KEK Commissioning and Results Design and initial results of a turn-by-turn beam position monitoring system for multiple bunch operation of the ATF damping ring	IPAC2011, TUPC128 IPAC2011, TUPC127 IPAC2011, TUPC118 IPAC2011, TUPC158 IPAC2011, TUPC157
	E. Marin et al.,	Status of the ATF2 Lattices	IPAC2011, TUPC016

	Y.I. Kim et al.,	A Comprehensive Study of Nanometer Resolution of the IPBPM at ATF2	IPAC2011, TUPC119
	F. Cullinan et al.,	Calibration Errors in the Cavity Beam Position Monitor System at the ATF2	IPAC2011, TUPC025
	N. Delerue et al.,	High flux polarized gamma rays production: first measurements with a four-mirror cavity at the ATF	IPAC2011, TUPO002
	S. T. Boogert et al.,	Cavity Beam Position Monitor System for ATF2	IPAC2011, TUPC161
	S. T. Boogert et al.,	Position Determination of Closely Spaced Bunches using Cavity BPMs	IPAC2011, TUPC164
	A. S. Aryshev et al.,	Q-factor of an Open Resonator for a Compact Soft X-ray Source based on Thomson Scattering of Stimulated Coherent Diffraction Radiation	IPAC2011, THPS095
	I. Chaikovska et al.,	Effect of Compton Scattering on the Electron Beam Dynamics at the ATF Damping Ring	IPAC2011, WEPC051
	A.S. Aryshev et al.,	Sub-micrometer Resolution Transverse Electron Beam Size Measurement System based on Optical Transition Radiation	IPAC2011, WEOBB01
	C.B. Gutierrez et al.,	Mutliti optical transition radiation system for ATF2*	DIPAC2011, TUPD61
	T.Naito et al.,	High resolution SR profile monitor at ATF2 extraction line	DIPAC2011, TUPD56
	A.Lyapin et al.,	Cavity BPM system for ATF2*	DIPAC2011, MOOC02
	G.B.Christian et al.,	An fpga-based turn-by-turn beam position monitoring system for studying multiple bunch beams in the ATF damping ring	DIPAC2011, MOPD79
	G.B.Christian	An fpga-based bunch-by-bunch position and angle feedback system at ATF2	DIPAC2011, MOPD80
	N. Eddy et al.,	High Resolution BPM Upgrade for the ATF Damping Ring at KEK	DIPAC2011, MOPD11
	A. Faus-Golfe et al.,	Multi-OTR System for ATF2	TIPP 2011
	Y. Yamaguchi et al.,	Current Status of Nanometer Beam Size Monitor for ATF2	TIPP 2011
2010	S. Ushijima et al.,	Preparation of Adjustable Permanent Magnet Quadrupole Lens for Beam Test at ATF2	LINAC2010, MOP105
	Y. Kamiya et al.,	Development of Shintake Beam Size Monitor for ATF2	IPAC'10-MOPE022
	Y. Yamaguchi et al.,	Evaluation of Expected Performance of Shintake Beam Size Monitor for ATF2	IPAC'10-MOPE023
	J. Alabau-Gonzalvo et al.,	Multi Optical Transition Radiation System for ATF2	IPAC'10-MOPE050
	S. Boogert et al.,	Cavity Beam Position Monitor System for ATF2	IPAC'10-MOPE070
	R. Apsimon et al.,	Development of a Fast, Single-pass, Micron-resolution Beam Position Monitor Signal Processor: Beam Test Results from ATF2	IPAC'10-MOPE074
	M. I Hildreth et al.,	The Straightness Monitor System at ATF2	IPAC'10-MOPE100
	A. Aryshev et al.,	Sub-micrometer Resolution Transverse Electron Beam Size Measurement System based on Optical Transition Radiation	IPAC'10-MOPEA052
	A. Aryshev et al.,	A Compact Soft X-ray Source based on Thomson Scattering of Coherent Diffraction Radiation	IPAC'10-MOPEA053
	Benoit Bolzon et al.,	Linear Collider Test Facility: Twiss Parameter Analysis at the IP/Post-IP location of the ATF2 beam line	IPAC'10-THPD077
	Sha Bai et al.,	Simulation of Multiknobs Correction at ATF2	IPAC'10-THPD096
	Eduardo Marin et al.,	Scenarios for the ATF2 Ultra-Low Betas Proposal	IPAC'10-THPE020
	Glen White et al.,	Operational Experiences Tuning the ATF2 Final Focus Optics Towards Obtaining a 37nm Electron Beam IP Spot Size	IPAC'10-WEOBMH01
	Takashi Naito et al.,	Multi-bunch Beam Extraction using Strip-line Kicker at KEK-ATF	IPAC'10-WEOBMH02
	D. Okamoto et al.,	First Beam Test of the Tilt Monitor in the ATF2 Beam Line	IPAC'10-WEOCMH01
	Y. Iwashita et al.,	Beam Test Plan of Permanent Magnet Quadrupole Lens at ATF2	IPAC'10-WEPE017
	Brett Parker et al.,	A Superconducting Magnet Upgrade of the ATF2 Final Focus	IPAC'10-WEPE041
	J. Resta-Lopez et al.,	Simulation Study of Intra-train Feedback Systems for Nanometer Beam Stabilization at ATF2	IPAC'10-WEPEB039
	R. Apsimon et al.,	Latest Beam Test Results from ATF2 with the Font ILC Prototype Intra-train Beam Feedback Systems	IPAC'10-WEPEB044
	Y. Kim et al.,	Development of Electronics for the ATF2 Interaction Point Region Beam Position Monitor	IPAC'10-MOPE035
	N. Terunuma.	Instrumentation for the ATF2 Facility	IPAC'10-WEZMH02
	A. Deshpande et al.,	Experimental Results of RF Gun and Generation of Multi Bunch Beam	IPAC'10-THPEC026
	Cecile Rimbault et al.,	Coupling Measurements in ATF2 Extraction Line	IPAC'10-THPD080
	Takashi Naito et al.,	Improvement of the Resolution of SR Interferometer at KEK-ATF Damping Ring	IPAC'10-MOPE009
	E.Medvedko et al.,	New beam monitoring instrumentation at ATF2,KEK*	BIW10, TUPSM027
2009	Brett Parker et al.,	Superconducting Magnets for a Final Focus Upgrade of ATF2	PAC09, MO6PFP044
	Y. Iwashita et al.,	Permanent Magnet Final Focus Doublet R&D for ILC at ATF2	PAC09, MO6PFP024
	Takashi Naito et al.,	Beam Extraction Using Strip-Line Kicker at KEK-ATF	PAC09, TU6RFP036
	Anthony Scarfe et al.,	ATF2 Spot Size Tuning Using the Rotation Matrix Method	PAC09, WE6PFP071
	R. Apsimon et al.,	Beam test results with the font4 ILC prototype intra-train beam feedback system	PAC09, WE6PFP077
	M. Alabau Ponds et al.,	Effect of the Non-Linear Magnetic Fields on the Emittance Growth in the ATF Extraction Line	PAC09, WE6PFP075
	Rogelio Tomas et al.,	ATF2 Ultra-Low IP Betas Proposal	PAC09, WE6PFP024
	R. Apsimon et al.,	Development of a fast micron-resolution beam position monitor signal processor for linear collider beam-based feedback systems	PAC09, TH6REP074
	J. Resta-Lopez et al.,	Design and Performance of Intra-Train Feedback Systems at ATF2	PAC09, TH6REP075
	T. Yamanaka et al.,	Status of the First Commissioning of the Shintake Monitor for ATF2	PAC09, TH6REP062
	S. Molloy et al.,	Development of the C-Band BPM System for ATF2	PAC09, TH6REP028
	Alexey Lyapin et al.,	Development of the S-Band BPM System for ATF2	PAC09, TH6REP025
	D. Okamoto et al.,	Beam Orbit Tilt Monitor Studies at ATF2	PAC09, TH6REP022
	Benoit Bolzon et al.,	Linear Collider Final Doublet Considerations: ATF2 Vibration Measurements	PAC09, TH5RFP087
	Benoit Bolzon et al.,	Linear Collider Test Facility: ATF2 Final Focus Active Stabilisation Pertinence	PAC09, TH5RFP086
	Ae-young Heo et al.,	Nanometer Resolution Beam Position Monitor for the ATF2 Interaction Point Region	PAC09, TH5RFP070
	Tatsuya Kume et al.,	Nanometer Order of Stabilization for Precision Beam Size Monitor (Shintake Monitor)	PAC09, TH5RFP084
	A.Aryshev et al.,	Micron size laser-wire system at the ATF extraction line, recent results and ATF-II upgrade	PAC09, TH6REP023

	Sha Bai et al., Andrei Seryi et al., Kiyoshi Kubo et al., Stephen Molloy et al., Glen White et al., Cecile Rimbault et al., Yves Renier et al., M. Wendt et al., A. Aryshev et al.,	Beam Waist Manipulations at the ATF2 Interaction Point ATF2 Commissioning Update on Optics Modelling for the ATF Damping Ring at KEK A Flight Simulator Based Beam Based Alignment Package for ATF2 Plans and Progress towards Tuning the ATF2 Final Focus System to Obtain a 35nm IP Waist Coupling Correction in ATF2 Extraction Line Orbit Reconstruction, Correction, Stabilization and Monitoring in the ATF2 Extraction Line High resolution BPMS with integrated gain correction system Micron size laser-wire system at the ATF extraction line, recent results and ATF-II upgrade	PAC09, TH6PFP024 PAC09, FR1RAI03 PAC09, FR1RAC05 PAC09, FR5REP024 PAC09, FR5PFP021 PAC09, FR5PFP005 PAC09, FR5PFP004 DIPAC09, MOPD19 TIPPO9
2008	G. White et al., A. Scarfe et al., T. Naito et al., M. Alabau Pons et al., A. Murata et al., N. Terunuma et al., G. White et al., C. Rimbault et al., A. Aryshev et al., A Bellomo et al., R. Tomas et al., J. Resta-Lopez et al., Y. Renier et al., R. Apsimon et al., T. Yamanaka et al., M. Oroku et al., R. Apsimon et al.,	Beam-Based Alignment, Tuning and Beam Dynamics Studies for the ATF2 Extraction Line and Final Focus System ATF2 Final Focus Orbit Correction and Tuning Optimisation Design of the Beam Extraction Using Strip-line Kicker at KEK-ATF Study of Abnormal Vertical Emittance Growth in ATF Extraction Line Improvement of an S-band RF-gun cavity with a Cs-Te Photo-cathode Recent Experimental Study of Fast Ion Instability in ATF Damping Ring A Flight Simulator for ATF2: A Mechanism for International Collaboration in the Writing and Deployment of Online Beam Dynamics Algorithms 4D Emittance Measurements Using Multiple Wire and Waist Scan Methods in the ATF Extraction Line Micron Size Laser-wire System at the ATF Extraction Line ATF2 High Availability Power Supplies Measurement of Resonance Driving Terms in the ATF Damping Ring Layout and Simulations of the FONT System at ATF2 Feedback Corrections for Ground Motion Effects at ATF2 Design of performance of a prototype digital feedback system for the international linear collider interaction point Expected performance of shintake monitor (IP beam size monitor at ATF2) Gamma detector for the Shintake monitor (IP beam size monitor at ATF2) Development of fast micron-resolution beam position monitors for linear collider beam-based feedback systems	EPAC08 EPAC08 EPAC08 EPAC08 EPAC08 EPAC08 EPAC08 EPAC08 EPAC08 EPAC08 EPAC08 EPAC08 EPAC08 NSS/MIC 2008 / RTSD 2008 NSS/MIC 2008 / RTSD 2008 NSS/MIC 2008 / RTSD 2008
2007	J. Urakawa Y. Iwashita et al., A. Seryi et al., D. Teytelman et al., S. De Santis et al., B. Lam et al., P.N. Burrows et al., S. Walston et al., Y. Kamiya et al., S. Liu et al., T. Naito et al., L. Deacon et al., S. Shin et al.,	ATF results and ATF-II plans Modification and Measurement of the Adjustable Permanent Magnet Quadrupole for the Final Focus in a Linear Collider Design of the Beam Delivery System for the International Linear Collider Control and Measurements of Longitudinal Coupled-Bunch Instabilities in the ATF Damping Ring Fast extraction kicker for the Accelerator Test Facility ILC - ATF2 DC-Magnet Power Supplies The FONT4 ILC intra-train beam-based digital feedback system prototype Resolution of a High Performance Cavity Beam Position Monitor System Development of an S band Cs ₂ Te-Cathode RF Gun with New RF Tuners Generation and acceleration of high brightness electron bunch train at ATF of KEK Development of strip-line kicker system for ILC damping ring ATF extraction line laser-wire system The design study for low-Q IP-BPM	PAC07 PAC07 PAC07 PAC07 PAC07 PAC07 PAC07, MOPAN108 PAC07 PAC07 PAC07 PAC07 PAC07, THOAC01 PAC07
2006	S.T. Boogert et al., P.N. Burrows et al., T. Naito, T. Mitsuhashi A. Kalinin. S. Walston et al., S. Walston et al., S.T. Boogert et al., S. De Santis et al.,	A laser-wire system at the ATF extraction line Performance of the FONT3 fast analogue intra-train beam-based feedback system at ATF Very small beam size measurement reflective SR interferometer at KEK-ATF A possibility of constant energy extraction at the KEK ATF2 Performance of a nanometer resolution BPM system Performance of a nanometer resolution BPM system A laser-wire system at the ATF extraction line Coherent synchrotron radiation studies at the Accelerator Test Facility	EPAC 2006, MOPLS080 EPAC 2006, MOPLS123 EPAC 2006 EPAC 2006 EPAC 2006 EPAC 2006 EPAC 2006 EPAC 2006
2005	P.N. Burrows et al., S. Araki et al., M. Korostelev et al., T. Naito et al., S. Araki et al.,	Tests of the FONT3 linear collider intra-train beam feedback system at the ATF Proposal of the Next Incarnation of Accelerator Test Facility at KEK for the International Linear Collider The short circumference damping ring design for the ILC Damping wiggler study at KEK-ATF Proposal of the Next Incarnation of Accelerator Test Facility at KEK for the International Linear Collider	PAC05, RPPP013 PAC05 PAC05 PAC05 PAC05
2004	H. Hayano et al., S. Araki et al., Y. Yamazaki et al.,	Development of Optical Diffraction Radiation Beam Size Diagnostics at KEK Accelerator Test Facility Development of the Non-invasive Beam-size Monitor using ODR Study of Photo-cathode RF Gun for a High Brightness Electron Beam	EPAC 2004 EPAC 2004 EPAC 2004

	A. Wolski et al., M. Woodley et al., H. Hayano	Analysis of KEK - ATF optics and coupling using LOCO Beam based alignment at the KEK - ATF damping ring Low Emittance Beam Generation in ATF	EPAC 2004 EPAC 2004 APAC 2004
2003	N. Nakamura et al., M. Ross et al.,	Electron-beam size measurement with a beam profile monitor using Fresnel zone plates Very high resolution RF cavity BPM	PAC 2003 PAC 2003
2002	A. Wolski et al.,	Initial results from model independent analysis of the KEK ATF	EPAC 2002
2001	M. Kuriki et al., T. Imai et al., K. Kubo K.L.F. Bane et al., K.L.F. Bane et al., M. Fukuda et al.,	Multi-bunch generation thermionic gun Performance Study of Double Kicker System in ATF Recent progress in accelerator test facility at KEK Intrabeam scattering analysis of ATF beam measurements Impedance analysis of bunch length measurements at the ATF damping ring Polarimetry of short pulse gamma-rays and position	HEACC 2001 HEACC 2001 HEACC 2001 PAC2001, RPAH046 ISEM 2001 APAC 2001, THP051
2000	H. Hayano et al., S. Kashiwagi et al., T. Imai et al., T. Naito et al., M. Kuriki et al., J. Urakawa K. Kubo et al.,	Wire Scanners for Small Emittance Beam Measurement in ATF Photoelectron Beam Longitudinal Phase Space Tomography Studies at the ATF Double kicker system in ATF Development of RF reference line for the linear collider Energy stabilization of 1.5-GeV S-band linac EXPERIMENTAL RESULTS AND TECHNICAL RESEARCH AND DEVELOPMENT AT ATF (KEK) Beam tuning for low emittance in KEK-ATF damping ring	LINAC 2000 LINAC 2000 LINAC 2000 LINAC 2000 LINAC 2000 EPAC 2000 EPAC 2000
1999	H. Hayano et al., H. Hayano et al., T. Hirose et al., A.D. Yeremian et al.,	Optics diagnostics and tuning for low emittance beam in KEK-ATF damping ring Emittance measurement at KEK-ATF damping ring Vertical emittance in the KEK accelerator test facility KEK ATF injector upgrade	PAC 99 PAC 99 PAC 99 PAC 99
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