

## List of PhD (ATF/ATF2)

Aug. 17, 2020

Year	Institute	Country	Name	PhD Title
2020	University of Oxford	UK	Pierre Korysko	Intensity-dependent effects in the Accelerator Test Facility 2 and extrapolation to future electron-positron linear colliders
2019	University of Oxford	UK	Rebecca Ramjiawan	Development of feedback algorithms for future linear colliders
2018	University of Oxford	UK	Talitha Bromwich	Development of high-resolution cavity beam position monitors for use in low-latency feedback systems
2018	Royal Holloway, University of London	UK	Michele Bergamaschi	Development of a combined transition and diffraction radiation station for non-invasive beam size monitoring on linear accelerators
2018	Université Paris-Sud 11	France	Fabien Plassard	Optics optimization of longer L* Beam Delivery System designs for CLIC and tuning of the ATF2 final focus at ultra-low $\beta^*$ using octupoles
2018	Université Paris-Sud 11	France	Renjun Yang	Diagnostics and characterization of beam halo at the KEK Accelerator Test Facility
2017	Universidad de Valencia	Spain	Nuria Fuster Marfíne	Beam Halo Collimation and Induced Wakefield Studies for Future Linear Colliders: the ATF2 Case
2016	Warsaw university	Poland	Marcin Patecki	Optimisation analysis and improvement of the effective beam sizes in Accelerator Test Facility 2
2015	Kyungpook National University	Korea	Siwon Jang	The development of Low-Q cavity type beam position monitor with position resolution of nanometer
2015	Royal Holloway, University of London	UK	Konstantin Olegovich Kruchinin	Laserwire Diagnostics: From Electrons to Negative Hydrogen Ions
2015	Université Paris-Sud 11	France	Oscar BLANCO	Beam dynamics in the Final Focus Section of the future linear collider
2015	Université Paris-Sud 11	France	Shan LIU	Development of Diamond Sensors for Beam Halo and Compton Spectrum Diagnostics after the Interaction Point of ATF2
2015	University of Oxford	UK	Neven Blaskovic Kraljevic	The development of an intra-train position feedback system for use at future linear colliders
2015	The University of Tokyo	Japan	Yan Jacqueline	Precise Measurement of Nanometer Scale Electron Beam Sizes Using Laser Interference by Shintake Monitor
2014	The Graduate University for Advanced Studies, SOKENDAI	Japan	Arpit Rawankar	Development on Pulsed Laser Wire for Measurement of Beam Profile
2014	University of Oxford	UK	Michael Davis	The Development of Intra-train Beam Stabilisation System Prototypes for a Future Linear Collider
2013	The University of Tokyo	Japan	Masahiro Oroku	Study on a Precise Beam Size Monitor Using Laser Interferometer
2013	Hiroshima University	Japan	Tomoya Akagi	Development of a 3D 4-mirror optical cavity for the ILC polarized positron source
2013	Universidad de Valencia	Spain	Javier Alabau-Gonzalvo	Beam size and very low emittance with a Multi-OTR system in ATF2
2013	Royal Holloway, University of London	UK	Nirav Joshi	Design and Analysis Techniques for Cavity Beam Position Monitor Systems for Electron Accelerators
2013	University of Oxford	UK	Douglas Bett	The Development of a Fast Intra-train Beam-based Feedback System Capable of Operating on the Bunch Trains of the International Linear Collider
2012	Université Paris-Sud 11	France	François Labaye	Amplification passive d'un laser à bre optique dans une cavité Fabry-Perot : application à la production de rayonnement gamma par diffusion Compton inverse
2012	Universitat Politècnica de Catalunya	Spain	Eduardo Marin Lacoma	DESIGN AND HIGHER ORDER OPTIMISATION OF FINAL FOCUS SYSTEMS FOR LINEAR COLLIDERS
2012	Kyungpook National University	Korea	Youngim Kim	Cavity Beam Position Monitor System for the Beam Delivery and Interaction Point of the Accelerator Test Facility 2 and Future Linear Collider
2011	The University of Manchester	UK	Anthony Scarfe	Tuning and Alignment of ATF2
2011	University of Oxford	UK	Laurence Nevay	Results from the Laser-wire at ATF2 and Development of a Fibre Laser for its Upgrade
2011	Hiroshima University	Japan	Shuhei Miyoshi	Development of a Polarized Positron Source by laser Compton Scattering using an Optical Resonant Cavity
2011	IHEP	China	Dou Wang	ILC physical design and key experimental study
2011	University of Oxford	UK	Ben Constance	Design and testing of a fast, digital intra-train feedback system and its potential application at the International Linear Collider
2011	University of Oxford	UK	Robert Apsimon	The development and implementation of a beam position monitoring system for use in the FONT feedback system at ATF2
2010	IHEP	China	Sha Bai	ATF2 optics system optimization and experiment study
2010	University of Oxford	UK	Christina Swinson	Development of Beam Position Monitors for Final Focus Systems at the International Linear collider
2010	The Graduate University for Advanced Studies, SOKENDAI	Japan	Abhay Deshpande	Multi bunch beam generation using a mode separated photo cathode RF gun
2010	UNIVERSITAT DE VALÈNCIA	Spain	María del Carmen Alabau Pons	Optics Studies and Performance Optimization for a Future Linear Collider: Final Focus System for the e-e-Option (ILC) and Damping Ring Extraction Line (ATF)
2010	Université Paris-Sud 11	France	Yves Renier	Implementation and Validation of the Linear Collider Final Focus Prototype ATF2 at KEK (Japan)
2009	Royal Holloway, University of London	UK	Lawrence Deacon	A Micron-Scale Laser-Based Beam Profile Monitor for the International Linear Collider

2009	Waseda University	Japan	Kazuyuki Sakaue	Research and Development on a Compact X-ray Source via Laser-Compton Scattering: Development of Pulsed-laser Super-cavity and Demonstration of Multi-Pulse X-ray
2008	University of Oxford	UK	Christine Clarke	The Interaction Point Collision Feedback System at the International Linear Collider and its Sensitivity to Expected Electromagnetic Backgrounds
2007	The Graduate University for Advanced Studies, SOKENDAI	Japan	Takashi Naito	Development of the Fast Kicker System
2007	University of Oregon	US	Sean Walston	Performance of a high resolution cavity beam position monitor system
2007	The Graduate University for Advanced Studies, SOKENDAI	Russia	Alexander Aryshev	Development of a Fast Microwave Detection System and its Application to CSR Measurements
2007	Université de Savoie	France	Benoît Bolzon	Etude des vibrations et de la stabilisation a l'échelle sous-nanométrique des doublets finaux d'un collisionneur lineaire
2007	The University of Tokyo	Japan	Fumito Sakamoto	Verification of RF System and Thermionic RF Electron Injector for Medical Monochromatic X-ray Source
2007	The University of Tokyo	Japan	Taikana Suehara	Development of a Nanometer Beam Size Monitor for ILC/ATF2
2006	Queen Mary University of London	UK	Stephen Molloy	A Fast Feedback System Designed to Maintain Luminosity at a Linear Collider
2006	The Graduate University for Advanced Studies, SOKENDAI	Japan	Koichiro Hirano	大電流マルチバンチフォトカソード高周波電子銃の開発
2006	The Graduate University for Advanced Studies, SOKENDAI	Japan	Yoshio Yamazaki	光高周波電子銃における光電子放出の研究
2004	Waseda University	Japan	Kuroda Ryunosuke	High Quality Electron Beam Generation and its Application based on Photo-Cathode RF gun
2004	Kyoto University	Japan	Yosuke Honda	Experimental studies of a low emittance electron beam in the KEK-ATF damping ring with a laserwire beam profile monitor
2004	Tokyo Metropolitan University	Japan	Masafumi Fukuda	Polarization Measurement of Short-Pulse Gamma Rays Produced through Inverse Compton Scattering of Circularly Polarized Laser Beams
2004	Tokyo Metropolitan University	Japan	Pavel Karataev	Investigation of optical diffraction radiation for non-invasive low-emittance beam size diagnostics
2003	Tokyo Metropolitan University	Japan	Toshiya Muto	Study of Incoherent Diffraction Radiation in Visible Light Region
2002	Tokyo University of Science	Japan	Takayuki Imai	Development of Double Kicker System for Stable Beam Extraction
2002	Tokyo Metropolitan University	Japan	Izumi Sakai	Development of Advanced Technology for Generation of High Brightness Gamma-rays in Inverse Compton Scatterings
2001	Kyoto University	Japan	Hiroshi Sakai	Development of a Laser Wire Beam Profile Monitor and Measurement of Vertical Emittance in the KEK-ATF Damping Ring
2001	Tokyo Metropolitan University	Japan	Katsuhiro Dobashi	Polarized positron source for linear colliders : High brightness, short pulse gamma-ray production by laser-Compton scatterings
1999	The Graduate University for Advanced Studies, SOKENDAI	Japan	Shigeru Kashiwagi	Energy Compensation of Multi-bunch Beam for Linear Colliders
1999	Tokyo Metropolitan University	Japan	Toshiyuki Okugi	Production of Electron Beam with Super-Low emittance at KEK Accelerator Test Facility
1994	The Graduate University for Advanced Studies, SOKENDAI	Japan	Atsushi Miura	リアコライダーの為の大電力高周波窓の開発
1994	The Graduate University for Advanced Studies, SOKENDAI	Japan	Masashi Yamamoto	Study on the long-range wake field in an accelerating structure for LINAC
1994	Tohoku University	Japan	Tsutomu Taniuchi	加速空洞における周方向スロット型減衰構造の研究
1992	The Graduate University for Advanced Studies, SOKENDAI	Japan	Hiroshi Akiyama	Study of the generation of high-brightness short-bunched beam from RF gun Using Photocathode
1990	University of Tsukuba	Japan	Yoshikazu Yamaoka	Study on an S-band Disk-loaded High-gradient Accelerating Structure