WONG, TING-SAM – RESUME
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Education

2016-Present	**Osaka University of Japan, Doctoral degree in experimental particle physics, COMET experiment** *Professor Dr. Kuno Yoshitaka group*
2014-2016	**Osaka University of Japan, Master degree in experimental particle physics, COMET experiment** *Professor Dr. Kuno Yoshitaka group* *Thesis Title: Development of Prototype detector for Cylindrical Drift Chamber in COMET Phase-I*
2010-2014	**Hong Kong University of Science and Technology BSc. Physics Pure Physics option**
2010-2011	**Osaka University of Japan (Exchange student)**

Physics Researches Experience

2019 June	**CLFV2019** Exploration of New Physics : Muon to Positron transition at COMET experiment, Poster presentation
Spring/Fall	**Presentation at Japanese Physics Society** *2015 March, COME Phase-I Prototype Beam test* *2015 September, The beam test of CDC Prototype IV for COMET Phase-I* *2016 March, The beam test of CDC Prototype IV for COMET Phase-I* *2016 September, Analysis of CDC Prototype in 1T magnetic field for COMET Phase-I* *2017 March, Simulation and Calibration of CDC for COMET Phase-I* *2018 Spring, Track Finding*
2017 Apr to 2017 Oct	**Experimental Particle Physics group** *Supervisor: Professor Dr. Kai Zuber* *Affiliation: Technische Universität Dresden — TU Dresden* *Topic: Studying of Muon Beam and Muon stopping target in COMET Phase-I* *Description: Simulation, High Performance Computer Center*
2016 Nov	**High Intensity accelerators for particle and Nuclear Physics (HINT)** *Cosmic ray test of Cylindrical Drift Chamber for the COMET Phase-I*
2016 Sept	**Muonic X and Gamma ray Spectroscopy (MXG), RCNP** *Status of the COMET Phase-I*
2016 May	**High Energy Accelerator Research Organization, KEK, Japan** *Cosmic ray test with 1T magnetic field of drift chamber*
2015 July	**Japan Synchrotron Radiation Research Institute (SPring-8), Hyogo gen** *Development of drift chamber for the J-PARC E-21 COMET experiment*
2014 Dec	**Research Center for Electron Photon Science, Tohoku University.**

	Development of drift chamber for the J-PARC E-21 COMET experiment
	ELPH experiment #2798
2014 Oct to	**Experimental Particle Physics group**
Present	Supervisor: Professor Dr. Yoshitaka Kuno
	Topic: Coherent electron muon transition (COMET)
	Description: DAQ, data analyze (ROOT Cern)
2013 Dec to	**Ultracold Quantum Gas Lab**
2014 Sept	Supervisor: Dr. Gyu-Boong Jo
	Topic: Experimental Atomic Molecular Optical physics (AMO)
	Description: Electronics, computer programming (Verilog), data analyze (Igor) and laboratory work

Academic achievement

2018-Present	Toyonka Rotary Club Scholarship
2017-2018	**JASSO** scholarship
2017	Erasmus Scholarship
2015	Development of Cylindrical Drift Chamber for COMET Phase-I PoS (FPCP2015)057
2015-2016	Osaka University School of Science Scholarship
2015-2016	Ninety Scholarship
2014	JASSO Scholarship
2013 fall	Physics Department Dean List

Memberships

2014-Present	Member of Japan Physics Society
2009-2014	Member of Astronomy Club of Hong Kong University of Science and Technology

Additional Skills

Computer	Programs:	Geant4, Garfield/Garfield++, ROOT CERN, C++, JAVA, Verilog, Matlab language, Python, MySQL, LaTex, Igor
Languages	English:	Fluent in Spoken and Good in written English
	Japanese:	Fluent in Spoken and Good in written Japanese
	Mother tone:	Cantonese, Manderin