



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE: 4545

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di Fisica
Scientist- in – charge: Prof. Grillo

[Name and surname]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Chan
Name	James, Hung-Hsu
Date of birth	9, Sept., 1984

PRESENT OCCUPATION

Appointment	Structure
EPFL	Post-doc

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree			
Specialization			
PhD	Physics	National Taiwan University	2017
Master	Physics	National Taiwan University	2008
Degree of medical specialization			
Degree of European specialization			
Other			



REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
Mandarin	native
English	professional proficiency
French	fluent

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award

TRAINING OR RESEARCH ACTIVITY

description of activity

PROJECT ACTIVITY

Year	Project
2013–Present	The Hyper Suprime-Cam Survey
2018–Present	H0LiCOW

PATENTS

Patent



CONGRESSES AND SEMINARS

Date	Title	Place
December 2019	Lensed Quasar Search with CHITAH in the HSC survey	NAOC, Beijing, China
December 2019	Lensed Quasar Search with CHITAH in the HSC survey	SHAO, Shanghai, China
October 2019	The Growth and Death of Soliton/Axion Star	Uni Göttingen, Göttingen, Germany
June 2019	Searching for strong lenses to probe dark matter substructures	IAP, Paris, France
February 2019	Microlensing Time Delay with Multi-Filters Light Curves	CCA, New York, USA
October 2018	How do stars affect ψ_{DM} ?	NCKU, Tainan, Taiwan
September 2018	Microlensing Time Delay with Multi-Filters Light Curves	Milan, Italy
February 2018	How do stars affect ψ_{DM} ?	CERN, Geneva, Switzerland
December 2016	Gravitational-Lens Hunter in Image Surveys	AlfA, Bonn, Germany
December 2016	Searching for Strong Lenses to Probe Dark Matter Substructures	ITA, Heidelberg, Germany
November 2015	Searching for Strong Lenses to Probe Dark Matter Substructures	IPMU, Tokyo, Japan
January 2015	Gravitational-Lens Hunter in Image Surveys	ASIAA, Taipei, Taiwan
February 2014	Gravitationally Lensed QSOs in the HSC Survey	ASIAA, Taipei, Taiwan
November 2012	A New Method for Computation of Self-gravity in an Isolated System	YITP, Kyoto, Japan

PUBLICATIONS

Books
[title, place, publishing house, year ...]

Articles in reviews
James H. H. Chan, Hsi-Yu Schive, Shing-Kwong Wong, and Tzihong Chiueh. Multiple Images and Flux Ratio Anomaly of Fuzzy Gravitational Lenses. PRL submitted, February 2020
James H. H. Chan, Sherry H. Suyu, Alessandro Sonnenfeld, Anton T. Jaelani, Anupreeta More, Atsunori Yonehara, Yuriko Kubota, Jean Coupon, Chien-Hsiu Lee, Masamune Oguri, Cristian E. Rusu, and Kenneth C. Wong. Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). IV. Lensed quasar search in the HSC survey. A&A accepted, November 2019
J. H. H. Chan, M. Millon, V. Bonvin, and F. Courbin. Twisted quasar light curves: implications for continuum reverberation mapping of accretion disks. A&A accepted, September 2019



James H. H. Chan, Hsi-Yu Schive, Tak-Pong Woo, and Tzihong Chiueh. How do stars affect ψ DM haloes? MNRAS, 478(2):2686-2699, August 2018

James H. H. Chan, Sherry H. Suyu, Anupreeta More, Masamune Oguri, Tzihong Chiueh, Jean Coupon, Bau-Ching Hsieh, Yutaka Komiyama, Satoshi Miyazaki, Hitoshi Murayama, Atsushi J. Nishizawa, Paul Price, Philip J. Tait, Tsuyoshi Terai, Yousuke Utsumi, and Shiang-Yu Wang. Galaxy-scale Gravitational Lens Candidates from the Hyper Suprime-Cam Imaging Survey and the Galaxy And Mass Assembly Spectroscopic Survey. ApJ, 832(2):135, December 2016

James H. H. Chan, Sherry H. Suyu, Tzihong Chiueh, Anupreeta More, Philip J. Marshall, Jean Coupon, Masamune Oguri, and Paul Price. Chitah: Strong-gravitational-lens Hunter in Imaging Surveys. ApJ, 807(2):138, July 2015

James H. H. Chan and Tzihong Chiueh. A new method for computing self-gravity in an isolated system. MNRAS, 442(4):3462-3468, August 2014

Dani C. Y. Chao, James H. H. Chan, Sherry H. Suyu, Naoki Yasuda, Anupreeta More, Masamune Oguri, Tomoki Morokuma, and Anton T. Jaelani. Lensed quasar search via time variability with the HSC transient survey. arXiv e-prints, page arXiv:1910.01140, October 2019

V. Bonvin, J. H. H. Chan, M. Millon, K. Rojas, F. Courbin, G. C. F. Chen, C. D. Fassnacht, E. Paic, M. Tewes, D. C. Y. Chao, M. Chijani, D. Gilman, K. Gilmore, P. Williams, E. Buckley-Geer, J. Frieman, P. J. Marshall, S. H. Suyu, T. Treu, A. Hempel, S. Kim, R. Lachaume, M. Rabus, T. Anguita, G. Meylan, V. Motta, and P. Magain. COSMOGRAIL. XVII. Time delays for the quadruply imaged quasar PG 1115+080. A&A, 616:A183, September 2018

Geoff C. F. Chen, James H. H. Chan, Vivien Bonvin, Christopher D. Fassnacht, Karina Rojas, Martin Millon, Fred Courbin, Sherry H. Suyu, Kenneth C. Wong, Dominique Sluse, Tommaso Treu, Anowar J. Shajib, Jen-Wei Hsueh, David J. Lagattuta, Léon V. E. Koopmans, Simona Vegetti, and John P. McKean. Constraining the microlensing effect on time delays with a new time-delay prediction model in H0 measurements. MNRAS, 481(1):1115-1125, November 2018

Alessandro Sonnenfeld, James H. H. Chan, Yiping Shu, Anupreeta More, Masamune Oguri, Sherry H. Suyu, Kenneth C. Wong, Chien-Hsiu Lee, Jean Coupon, Atsunori Yonehara, Adam S. Bolton, Anton T. Jaelani, Masayuki Tanaka, Satoshi Miyazaki, and Yutaka Komiyama. Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). I. Automatic search for galaxy-scale strong lenses. PASJ, 70:S29, January 2018

Congress proceedings

[title, structure, place, year]

OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Geneva, 3, March, 2020

SIGNATURE

