Curriculum Vitae of Fumi Yoshida
(as of April 12, 2023)

Name: Fumi Yoshida
Birth date: September 4, 1966
Nationality: Japan

Education:

- Undergraduate course:
  Mar. 31, 1990, Fukuoka University of Education, Science course (Bachelor)
- Graduate course:
  Mar. 31, 1999, Fukuoka University of Education, Natural Science Education (Master degree),
  Mar. 31, 2002, Kobe University, Science (Ph. D.)

Job experience:

- Aug. 1, 2002 – Mar. 31, 2003, Postdoctoral of Graduate Institute of Astronomy, National Central University (Taiwan)
- Apr. 1, 2003 – Mar. 31, 2007, Postdoctoral of Subaru Telescope, National Astronomical Observatory of Japan (Mitaka)
- Apr. 1, 2007 – Mar. 31, 2017: Research Expert, Office of International Relations, National Astronomical Observatory of Japan (Mitaka)
- Apr. 1, 2017 – to the present: Associate Staff Scientist, Planetary Exploration Research Center, Chiba Institute of Technology (Chiba)
- Jul. 1, 2020 – to Mar. 31, 2023: Assistant Professor, School of Medicine, Department of Basic Sciences, University of Occupational and Environmental Health, Japan
- Apr. 1, 2023 – to the present: Associate Professor, School of Medicine, Department of Basic Sciences, University of Occupational and Environmental Health, Japan

Others:

- Apr. 1, 1990 – Mar. 31, 1997, Technical officer of Ministry of Agriculture, Forestry and Fisheries (Fukuoka)
- Apr. 1, 2002 – Jul. 31, 2002, Assistance member of Public Relations Center, Astronomical Observatory of Japan (Mitaka)
- Apr. 1, 2005, – Mar. 31, 2007, Part-time lecturer of Toyo University, Astronomy in Liberal arts subject (Tokyo)
- 2012 – to the present: ISAS system researcher in Hayabusa2 project
- 2017 – to the present: ISAS system researcher in Destiny+ project
- Jan. 2019, and Jan. 2020, Part-time lecturer of Kobe University

Award:
Homer F. DaBoll Award
https://www.asteroidoccultation.com/observations/Awards/IOTA%20Awards.htm
https://www.astroarts.co.jp/article/hl/a/12641_yoshida

Research specialties:
Observational research of the solar system small bodies

Publications:
Main papers
Fumi Yoshida, Tsutomu Hayamizu, Kazuhisa Miyashita, Hiroyuki Watanabe, Hidehito Yamamura, Hiroshi Akitaya, Akira Asai, Yasunori Fujiwara, Tateki Goto, George L Hashimoto, Akitoshi Hatanaka, Toshihiro Horaguchi, Miyoshi Ida, Kazuyoshi Imamura, Ken Isobe, Masateru Ishiguro, Noboru Kaizuka, Hisashi Kasebe, Yohei Kawasaki, Taewoo Kim, Katsuhiko Kitazaki, Norihiro Manago, Masafumi Matsumura, Hiroshi Matsushita, Shuji Matsuura, Takahiro Nakamura, Toshihiro Nagata, Hirotomo Noda, Masaaki Ogawa, Osamu Ohshima, Minoru Owada, Kazuyuki Saitou, Mitsunori Tsumura, Yoshihiro Ueyama, Hayato Watanabe, Masa-yuki Yamamoto, Hideki Yoshihara, Takao Fujiwara, Miyu Haraguchi, Hironori Hayashi,

Tomoya Hitotsuda, Toshihiro Horikawa, Kai Ishida, Tadashi Ito, Sunho Jin, Wonseok Kang, Toshihiko Katayama, Koji S Kawabata, Ryosuke Kawasaki, Kihyeon Kim, Masayuki Kita, Naoko Kitazaki, Hiroya Kurisu, Makoto Matsushima, Chika Matsumi, Ayami Mihari, Masaru Naka, Tatsuya Nakaoka, Reiko Nishihama, Yukio Nishiyama, Sadao Nukui, Masahiko Oba, Takaya Okamoto, Yujiro Omori, Jinguk Seo, Hiroki Shirakawa, Tomoshi Sugino, Yuki Tani, Kazuhiko Takagaki, Yukikazu Ueda, Seitaro Urakawa, Masanari Watanabe, Kouhei Yamashita, Misato Yamashita, Isao Sato, Shosaku Murayama, Tomoko Arai, David Herald, Arika Higuchi, Multi-chord observation of stellar occultation by the near-Earth asteroid (3200) Phaethon on 2021 October 3 (UTC) with very high accuracy, Publications of the Astronomical Society of Japan, 2022;, psac096, https://doi.org/10.1093/pasj/psac096

F. Yoshida, R. Ishimaru, O. Okudaira, K. Ishibashi, P. K Hong, T. Matsui, M.-J. Kim, Photometric observations of the potentially hazardous asteroid (99942) Apophis from Kawabe Cosmic Park. Publications of the Astronomical Society of Japan, Volume 73, Issue 4, August 2021, Pages L13–L17, https://doi.org/10.1093/pasj/psab072

F. Yoshida, T. Terai, T. Ito, K. Ohtsuki, P. S. Lykawka, T. Hiroi, N. Takato, A comparative study of size frequency distributions of Jupiter Trojans, Hildas and main belt asteroids: A clue to planet migration history (corrigendum). Planetary and Space Science, Volume 190, article id. 104977. (2020)

F. Yoshida, T. Terai, T. Ito, K. Ohtsuki, P. S. Lykawka, T. Hiroi, N. Takato, A comparative study of size frequency distributions of Jupiter Trojans, Hildas and main belt asteroids: A clue to planet migration history. Planet. Space Sci., 169, 78-85 (2019). http://dx.doi.org/10.1016/j.pss.2019.02.003.

F. Yoshida, T. Terai, Small Jupiter Trojans Survey with Subaru/Hyper Suprime-Cam. AJ, 154, 71, 2017 http://adsabs.harvard.edu/abs/2017AJ....154...71Y

F. Yoshida, T. Ito, B. Dermawan, T. Nakamura, S. Takahashi, M. A. Ibrahimov, R. Malhotra, W.-H. Ip, W.-P. Chen, Y. Sawabe, M. Haji, R. Saito, M. Hirai, Lightcurves of the Karin family asteroids. Icarus 269, 15-22, 2016

F. Yoshida, T. Nakamura, A comparative study of size distributions for small L4 and L5 Jovian Trojans. Publ. Astron. Soc. Japan, 60, 297-301, 2008 https://doi.org/10.1093/pasj/60.2.297

F. Yoshida, T. Nakamura, Subaru Main Belt Asteroid Survey (SMBAS)―Size and color distributions of small main-belt asteroids. Planetary and Space Science, 55, 1113-1125, 2007 https://doi.org/10.1016/j.pss.2006.11.016

F. Yoshida, T. Nakamura, Size distribution of faint Jovian L4 Trojan asteroids. Astron. J, 130, 2900-2911, 2005 https://iopscience.iop.org/article/10.1086/497571

R. G. Strom, R. Malhotra, T. Ito, F. Yoshida, D. A.Kring, The origin of planetary impactors in the inner solar system. Science, 309, 1847-1850, 2005

F. Yoshida, T. Nakamura, J. Watanabe, D. Kinoshita, N. Yamamoto, T. Fuse, Size and spatial distributions of sub-km main-belt asteroids. Publ. Astron. Soc. Japan, 55, 701-715, 2003 https://doi.org/10.1093/pasj/55.3.701

F. Yoshida, T. Nakamura, T. Fuse, Y. Komiyama, M. Yagi, S. Miyazaki, S. Okamura, M. Ouchi, M. Miyazaki, First Subaru observations of sub-km main belt asteroids. Publ. Astron. Soc. Japan, 53, L13-L16, 2001 https://doi.org/10.1093/pasj/53.4.L13

For a full list of my papers, please see the following site.
https://fumiyoshidaermei.wixsite.com/fumiy/publications

Invited talk
F. Yoshida (invited) OVERVIEWS OF DESTINY+ MISSION AND OBSERVATIONAL CAMPAIGN OF ITS FLYBY TARGET (3200) PHAETHON, International Conference ATMOSPHERELESS SOLAR SYSTEM BODIES IN THE SPACE EXPLORATION ERA, Institute of Astronomy and Department of

Astronomy and Space Informatics of V.N. Karazin Kharkiv National University, Kharkiv, Ukraine, June 18-22, 2018 http://www.astron.kharkov.ua/conference/ssb/18/out_program.php

F. Yoshida, Jupiter Trojans: New Insights into the Early Solar System. ASTEROIDS, COMETS, METEORS 2017 (ACM2017), Edificio Polifuncional José Luis Massera, Montevideo, April 10-14 2017, http://acm2017.uy/

F. Yoshida, Size Frequency Distributions of Jupiter Trojans, Hildas and Main Belt Asteroids. Serendipity in the Solar System and Beyond. celebrating Wing Ip's 70th birthday, National Central University, Taiwan, July, 10-13, 2017, http://ps1tw.astro.ncu.edu.tw/ipsymposium/index.php

F. Yoshida, Size Frequency Distributions of Jupiter Trojans, Hildas and Main Belt Asteroids. The 3rd Beijing International Forum on Lunar and Deep-Space Exploration. Beijing Conference Center, Beijing, China, Sep. 19-22, 2017, http://ldse2017.csp.escience.cn/dct/page/1

F. Yoshida, DESTINY PLUS+ Demonstration and Experiment of Space Technology for INterplanetary voYage, Phaethon fLyby and dUSt science. Group seminar of planetary science group in Korea Astronomy and Space Science Institute (KASI), Daejeon, Korea, Nov. 7, 2017.

F. Yoshida, Solar system science using Subaru Hyper Supreme-Cam (HSC). KASI, Daejeon, Korea, Nov. 8, 2017, https://www.kasi.re.kr/eng/post/eng_colloquium/10207

F. Yoshida, Physical properties of Jovian Trojans and JAXA's plan for a Jupiter Trojan mission. International (CJMT 2012) Asteroid Science Workshop, Oct 18, 2012, Macau, China

F. Yoshida, Size distribution of asteroids. Asteroids, Comets, Meteors 2012, May 16-20, 2012, Nigata, Japan

F. Yoshida, M. Yagi, Y. Komiyama, F. Nakata, H. Furusawa, T. Ohno, S. Okamura, T. Nakamura, Slitless Spectroscopy of Small Solar System Bodies on a Dark Cloud Curtain. Subaru Users Meeting, Feb.28-Mar.1, 2012, Mitaka, Japan

F. Yoshida, Japanese activities on Maidanak Observatory. Maidanak Users Meeting, Jan. 31-Feb. 1, 2012, Mitaka, Japan