

# Curriculum Vitae

Tadashi Takayanagi

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## Personal data

First name: Tadashi  
Last name: Takayanagi  
Position: Professor at Yukawa Institute for Theoretical Physics, Kyoto University, Kitashirakawa Oiwakecho, Sakyo-ku, Kyoto 606-8502 Japan.  
Visiting Position: Visiting Senior Scientist at Kavli Institute for the Physics and Mathematics of the Universe, 5-1-5 Kashiwanoha, Kashiwa, 277-8583, Japan.  
E-mail: takayana@yukawa.kyoto-u.ac.jp  
Date of birth: October 11, 1975  
Place of birth: Tokyo, Japan  
Nationality: Japanese

## Education and professional experience

period	position	place
Apr.1994 – Mar.1998	Undergraduate student	Department of Physics, University of Tokyo
Apr.1998 – Jun.2002	Ph.D. student	Department of Physics, University of Tokyo
Jun.2002– Jul.2002	JSPS postdoc fellow	Department of Physics, University of Tokyo
Aug.2002–Aug.2005	Postdoctoral Fellow	Jefferson Physical Laboratory, Harvard University
Sep.2005–Mar.2006	Postdoctoral Fellow	Kavli Institute for Theoretical Physics, University of California, Santa Barbara
Apr.2006-Aug.2008	Assistant Professor	Department of Physics, Kyoto University
Sep.2008-Mar.2012	Associate Professor	Institute for the Physics and Mathematics of the Universe, the University of Tokyo
Apr.2012-present	Professor	Yukawa Institute for Theoretical Physics, Kyoto University
Sep.2015-Aug.2022	Principal Investigator	It from Qubit Simons Collaboration on Quantum Fields, Gravity, and Information
Apr.2020-Mar.2030	InaRIS fellow	Inamori Foundation
Sep.2021-Mar.2026	Head Researcher	MEXT Kakenhi, Grant-in-Aid for Transformative Research Areas (A) "Extreme Universe"

## Academic degrees

month/year	degree	subject	University
March 27, 1998	Bachelor of Science	physics	University of Tokyo
March 29, 2000	Master of Science	physics	University of Tokyo
June 28, 2002	Doctor of Science	physics	University of Tokyo (Ph.D. Advisor: Tohru Eguchi)

## Awards and Honors

- Jan. 2011: 4th Yukawa-Kimura Prize (from Yukawa Memorial Foundation)
- Nov. 2013: 28th Nishinomiya-Yukawa Memorial Prize (from Nishinomiya City)
- Nov. 2014: The 2015 New Horizons in Physics Prizes (from The Breakthrough Prize Foundation)
- Dec. 2016: The 2016 Nishina Memorial Prize (from Nishina Memorial Foundation)
- Aug. 2024: the 2024 ICTP Dirac Medal (from ICTP)
- Aug. 2024: Infosys-ICTS Chandrasekhar Lectures (from ICTP)

## Selected plenary talks and invited lectures

Giambiagi School, Buenos Aires (Jul. 2025)  
QIQG 2025, Perimeter Inst. (Jun. 2025)  
Hitoshi Fest, Kavli IPMU, Tokyo (Dec 2024)  
KITP Conference, UCSB (Apr. 2024)  
Simons Institute Workshop, UC Berkeley (Mar. 2024)  
JGRG32, Nagoya (Nov. 2023)  
Celestial Kick off, Harvard (Oct.2023)  
KMI colloquium, Nagoya (Jul. 2023)  
iTHEMS colloquium, Riken, Wako (Apr 2023)  
Donald R. Hamilton Colloquium, Princeton (Feb. 2023)  
Simons Collaboration on It from Qubit Annual Meeting (Dec. 2022)  
2nd Symposium on Trans-scale Quantum Science, Tokyo (Nov. 2022)  
HirosiFest, Kavli IPMU, Tokyo, (Oct. 2022)  
The Physical Society of Japan 2022 Annual Meeting, Plenary Session (Mar. 2022)  
Colloquium, ICTS, Bangalore (Jan. 2022)  
Colloquium, Seoul National U. (Oct. 2021)  
15th Kavli Asian Winter School on Strings, Particles and Cosmology (Jan. 2021)  
KITP Conference, UCSB (Jan. 2020)

Spring School on Superstring Theory and Related Topics, ICTP (Mar. 2019)  
Coloquium, AEI, Potsdam (Mar. 2019)  
ICHEP2018, Seoul, (Jul.2018)  
AdS/CFT@20 and Beyond, ICTS, Bangalore (May 2018)  
It from Qubit workshop/school, Instituto Balseiro, Bariloche (Jan. 2018)  
20 Years Later: The Many Faces of AdS/CFT, Princeton, USA (Oct. 2017)  
Strings2017, TelAviv (Jun. 2017)  
IGST 2016, Humboldt U., Berlin (Aug. 2016)  
Strings 2016, Tsinghua U., Beijing (Aug. 2016)  
Andy Fest, Harvard (Jul. 2015)  
KITP conference, UCSB (Jun. 2015)  
Simons Symposium on Quantum Entanglement, Puerto Rico (Mar. 2015)  
Lectures at Spring School on Superstring Theory and Related Topics, ICTP (Mar. 2014)  
Aspen Conference (Mar. 2014)  
8th Asian Winter School, Puri (Jan. 2014)  
Arnold Sommerfeld School, Munich (Aug. 2013)  
Gauge/Gravity Duality 2013, Munich (Jul. 2013)  
GR20, Warsaw (Jul. 2013)  
Strings 2013, Sogang University, Seoul (Jun. 2013)  
7th Asian Winter School on Strings, Particles and Cosmology, Beijing (Feb. 2013)  
International Symposium Ahrenschoop, Berlin (Aug. 2012)  
KITP conference, UCSB (May. 2012)  
CERN Winter School on Supergravity, Strings and Gauge Theory (Feb. 2012)  
Strings 2011, Uppsala (Jun. 2011)  
Aspen Conference (Feb. 2011)  
YKIS2010 symposium, YITP Kyoto (Jun. 2010)  
Quantum Theory and Symmetries 6, Kentucky (Jul 2009)  
Miami 2007, Celebrating ten years of AdS/CFT, Florida (Dec. 2007)  
JGRG 17, Nagoya (Dec. 2007)  
Komaba 2007, Tokyo (Feb. 2007)  
Indian Strings Meeting, Puri (Dec. 2006)  
Strings 2005, Toronto, Canada (Jul. 2005)