

Hirosi Ooguri

Fred Kavli Professor of Theoretical Physics and Mathematics
 Director of the Walter Burke Institute for Theoretical Physics
 California Institute of Technology

Education

Kyoto University	B.S. in Physics	1984
Kyoto University	M.A. in Physics	1986
University of Tokyo	Ph.D. in Physics	1989

Research & Professional Experience

Assistant Professor	University of Tokyo	1986 - 1989
Research Associate	Institute for Advanced Study, Princeton	1988 - 1989
Assistant Professor	University of Chicago	1989 - 1990
Associate Professor	Kyoto University	1990 - 1994
Professor	University of California, Berkeley	1994 - 2000
Faculty Senior Scientist	Lawrence Berkeley National Laboratory	1996 - 2000
Professor	California Institute of Technology	2000 - 2007
Fred Kavli Professor	California Institute of Technology	2007 - present
Principal Investigator	Kavli IPMU, University of Tokyo	2007 - present
Director	Walter Burke Institute for Theoretical Physics California Institute of Technology	2014 - present

Awards & Honors

Eisenbud Prize for Mathematics and Physics	American Mathematical Society	2008
Humboldt Research Award	Alexander von Humboldt Foundation	2008
Takagi Lecturer	Mathematical Society of Japan	2009
Nishina Memorial Prize	Nishina Memorial Foundation	2009
Simons Investigator	Simons Foundation	2012
Fellow	American Mathematical Society	2012

Recent Activities

- Service to Caltech:
 - Co-chair of the Physics Faculty Search Committee (2003 - 2009).
 - Deputy Chair of the Division of Physics, Mathematics, and Astronomy (2010 - present).
 - Chair of the Long Term Strategic Planning Committee of the Division of Physics, Mathematics, and Astronomy (2010 - 2012).
 - Member of the Faculty Board (2011 - 2014) and of its Steering Committee (2012 - 2014).
- The Annual Strings Conferences:
 - Summary Speaker of Strings 2004, 2008 and 2012.
 - Invited Speaker of Strings '95, '96, '97, '99, 2000, 2001, 2002, 2005, 2006, 2007, 2009, 2010, and 2013.
 - Organizer of Strings '98 in Santa Barbara and Strings 2002 in Kyoto.
- Advisory Board Memberships:
 - Aspen Center for Physics: Trustee (2011 - present), Scientific Secretary (2010 - 2011), and General Member (2003 - present).

- Kavli Institute for the Physics and Mathematics of the Universe, University of Tokyo (2007 - present).
- Research Institute for Mathematical Sciences, Kyoto University (2013 - present).
- International Solvay Institute, Belgium (2008 - present).
- Banff International Research Station (2008 - 2011).
- Kavli Institute for Theoretical Physics, UC Santa Barbara (2005 - 2008).
- Review Committees:
 - US Department of Energy and National Science Foundation Review Panels (multiple years).
 - International Evaluation Committee for the Kavli Institute of Theoretical Physics in China and its host institute - Institute of Theoretical Physics, Chinese Academy of Sciences (2013).
- Editorial Boards of Journals:
 - JHEP (1997 - 2006).
 - Advanced in Theoretical and Mathematical Physics (1997 - present).
 - Nuclear Physics B (1998 - 2013).
 - Physical Review D (2006 - 2009).
 - Communications in Mathematical Physics (2014 - present).
- Conference Organizer:
 - 2007, 2009 and 2013 Summer Workshops at the Aspen Center for Physics.
 - Simons Symposium on Quantum Entanglement (2013).
 - Asian Winter School on Particles, Strings, and Cosmology (2012).
 - Director of the ICTP Spring School, Trieste, Italy (2003 - 2006).
- Public Outreach:
 - Author of three popular science books, “What is Gravity” (2012), “Strong Force and Weak Force” (2013), and “Introduction to Superstring Theory” (2013), published in Japan.
 - Contributing writer of WEBRONZA, the webmagazine of *Asahi Shimbun*.
 - Bi-weekly essays on mathematics at *Gentosha Plus* webmagazine.
 - Physics Dialogue at the Aspen Center for Physics (2013) and more than ten public lectures in Japan in the past few years.
 - Advisor to a program of *Japanese Public Broadcasting Television* on particle physics and superstring theory.

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- [3] S. Nakamura and H. Ooguri, “Out of Equilibrium Temperature from Holography,” Phys. Rev. D **88**, 126003 (2013) [arXiv:1309.4089 [hep-th]].
- [4] H. Liu, H. Ooguri, B. Stoica and N. Yunes, “Spontaneous Generation of Angular Momentum in Holographic Theories,” Phys. Rev. Lett. **110**, no. 21, 211601 (2013) [arXiv:1212.3666 [hep-th]].
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