

Rosario Fazio

Researcher ID: M-1742-2013

Web site: <https://www.ictp.it/research/cmisp/members.aspx>

Education	1990	PhD in Physics - University of Catania
	1984	Master in Physics - University of Catania
Current position	2015 -	Head of the Condensed Matter & Statistical Physics Section, The <i>Abdus Salam</i> ICTP, Trieste, Italy
	2019 -	Professor of Condensed Matter Physics, Università " <i>Federico II</i> ", Napoli, Italy
Previous positions	2008 - 2019	Professor of Condensed Matter Physics, Scuola Normale Superiore, Pisa, Italy
	2005 - 2008	Professor of Condensed Matter Physics, International School for Advanced Studies (SISSA), Trieste
	2001 - 2005	Associate Professor, Scuola Normale Superiore, Pisa
	1998 - 2001	Associate Professor, University of Catania
	1990 - 1998	Assistant Professor (tenured) - University of Catania
	1989 - 1990	Postdoc - Department of Physics, TU-Delft
Awards	1985	Prize " <i>Antonio Stanghellini</i> ", Società Italiana di Fisica
	1991	Stipendium " <i>Wilhelm H. und Else Heraeus Stiftung</i> "
	2007	IBM Faculty Award
	2016	Prize " <i>Luigi Tartufari</i> ", Accademia Nazionale Lincei
	2019	Google Quantum Research Award 2019
	2022	ERC Advanced Grant
Visiting positions		Visiting professor/scientist at Institut fuer Theoretische Physik - Karlsruhe (Germany), CNRS-CRTB - Grenoble (France), NTT Labs - Atsugi (Japan), National University of Singapore, Beijing Computational Research Centre - Beijing (China), Balseiro Institute - Bariloche (Argentina)
Professional activities & Institutional responsibilities	2004 -	Editorial board Annalen der Physik
	2009 - 2014	Co-Editor Europhysics Letters
	2011 - 2013	Delegate for Research, Scuola Normale Superiore
	2014 - 2016	Divisional Associate Editor of Physical Review Letters
	2014 - 2015	Coordinator - PhD in Physics, Scuola Normale Superiore
	2014 - 2022	Editorial Board New Journal of Physics
	2019 -	Director of the Trieste Institute for Theoretical Quantum Technologies
	2019 -	Member of the Scientific Council of CNR - DSFTM
Publications		More than 380 publications in peer reviewed journals with

(Aug. 2022) ~ 17800 citations and h-factor = 63 [ISI WOS]

**Organization
of conferences**

Co-organizer of more than 30 Conferences/Workshops and 6 Schools.

Two major activities organised: KITP Program on *Many-body physics with light*, KITP Santa Barbara Oct-Dec 2015; International School E. Fermi, Summer Course 2016 on *Quantum Simulators*, Varenna July 2016

Funding

Since 1998 coordinator (either for the whole project or for a local node) of research projects supported by the Italian Minister of Education and Research and by the European Community. In 2022 receipt of an ERC Advanced Grant.

Talks

More than 220 invited talks at international conferences and workshops.

**PhD
Supervision**

Since 1997 supervisor of 38 PhD students

Teaching

Courses given for undergraduate and graduate students on Semiconductor Physics, General Physics, Physics of Nanostructures, Quantum Information, Quantum Mechanics, Superconductivity, Statistical Mechanics, and Low Temperature Physics.