

Oded Goldreich – Brief CV – June 2024

Oded Goldreich is a professor in the Faculty of Mathematics and Computer Science of the Weizmann Institute of Science, and is the incumbent of the Meyer Weisgal Professorial Chair. He was born in Tel Aviv in 1957, and received a BA, MSc and DSc degrees from the Faculty of Computer Science at the Technion, in 1980, 1982 and 1983, respectively. He was a post-doctoral fellow in the theory of computation group of MIT in 1983-86, and a faculty member of the Technion 1983-94. Since 1994, he is a faculty member of the Weizmann Institute.

Oded Goldreich's research area is the theory of computation, with an emphasis on the interplay between randomness and computation. His most important contributions refer to zero-knowledge proofs and to the construction of secure multi-party computation. Other important works deal with pseudorandomness, probabilistic proof systems, and property testing. In addition to his numerous contributions to the foundations of cryptography and complexity theory, he served the research community by writing dozens of surveys and half a dozen books.

Oded Goldreich's contributions were recognized by an invitation to lecture at the International Congress of Mathematicians (1994), and by winning the Knuth Prize for foundations of computer science (2017) and the 2021 Israel Prize.

Oded Goldreich is married to Dana Ron, and they reside in Tel-Aviv.