

Paul W.K. Rothemund

Research Professor in Bioengineering, Computing + Mathematical Sciences, and Computation & Neural Systems at Caltech, holds a Ph.D. in theoretical computer science from the University of Southern California, and B.S. degrees in Biology and Engineering from Caltech.

Since 1992, he has worked to use DNA and RNA as engineering materials---to perform biochemical computations and to serve as scaffolds for arranging functional materials. Rothemund is the inventor of DNA origami, a method for folding arbitrary shapes from a long single strand of DNA. Among other awards, he has received a MacArthur Fellowship and the Feynman Prize for Nanotechnology.

