

Eitan Tadmor

Biography

Eitan Tadmor is a [Distinguished University Professor](#) at the University of Maryland, College Park. His research connects the theory and computation of nonlinear partial differential equations, with fundamental contributions to high-resolution schemes, entropy stability, spectral viscosity, image processing and collective dynamics.

He held academic appointments at Tel Aviv University (1983–1995) and UCLA (1995–2002), where he was the founding co-director of the NSF [Institute for Pure and Applied Mathematics](#) (IPAM, 1999–2001). He directed Maryland's [Center for Scientific Computation and Mathematical Modeling](#) (2002–2016) and the NSF [Ki-Net research network](#) (2012–2020), and led the NSF [Focus Research Group on Kinetic Description of Multiscale Phenomena](#) (2008–2012). He was a [Senior Fellow](#) at ETH Zürich's Institute for Theoretical Studies (2016–2017) and the [2023 FSMP Chair of Excellence](#) laureate, hosted by the Laboratoire Jacques-Louis Lions at Sorbonne University.

Tadmor received the SIAM–ETH [Peter Henrici Prize](#) (2015) and the AMS–SIAM [Norbert Wiener Prize in Applied Mathematics](#) (2022). He delivered an invited address at the [ICM](#) (2002), the 2014 SIAM invited JMM address, a plenary [ICIAM](#) lecture (2019), and the 2022 AMS [Josiah Willard Gibbs Lecture](#) (2022). He is a Fellow of AMS and SIAM and a member of [Academia Europaea](#) and the [European Academy of Sciences](#).