

Eitan Tadmor

Biography

Eitan Tadmor is a [Distinguished University Professor](#) at the University of Maryland, College Park. He held professorship positions at Tel-Aviv University, and at UCLA where he was the founding co-director of the NSF Institute for Pure and Applied Mathematics ([IPAM](#)), 1999-2001. In 2002 he was recruited by Maryland to lead the university Center for Scientific Computation and Mathematical Modeling ([CSCAMM](#)), and served as its first Director, 2002-2016.

Tadmor held visiting positions at Michigan U., Paris VI, Brown, the Courant and the Weizmann Institutes. In 2016-2017 he was a Senior Fellow in the Institute for Theoretical Studies at ETH-Zurich. He serves on the editorial boards of more than a dozen leading international journals and delivered numerous invited lectures, including at the 2002 ICM in Beijing, 2014 SIAM address in Joint Mathematical Meeting, [2016 Leçons Jacques-Louis Lions](#) at UPMC, Paris VI, and 2019 ICIAM in Valencia.

Tadmor was the Principal Investigator for NSF Focus Research Group on ``[Kinetic Description of Multiscale Phenomena](#)'' (2008-2012), and of [Ki-Net](#), an NSF Research network on kinetic descriptions in natural sciences (2012-2020).

Tadmor's primary research interests include the interplay between analytical theories and computational aspects of time-dependent problems, with applications to shock waves, kinetic transport, incompressible flows, image processing and self-organized dynamics. In 2015 he was awarded the SIAM-ETH [Henrici prize](#) for "fundamental contributions to the applied and numerical analysis". He is an [AMS Fellow](#) who was listed on the ISI most cited researchers in mathematics.