

Irene Fonseca

(b. 1956)



Irene Fonseca earned her PhD from the University of Minnesota (1985). She works at Carnegie Mellon University, where she directs the Center for Nonlinear Analysis (1998–), holds an endowed chair (2003–) and a named Professorship (2018–2028). Fonseca's research is at the interface of pure and applied analysis and is motivated by applications in the physical sciences and engineering. Fonseca was knighted

by the president of Portugal (1997), gave the AWM-SIAM Kovalevsky Lecture (2006), was President of SIAM (2012–14), gave an invited ICM lecture (2022) and was awarded the ISIMM senior prize (2022). Fonseca is a fellow of SIAM (2009), the AMS (2013), and the EAS (2021).

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