

Irene Fonseca (Carnegie Mellon, USA)

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(born 1956). Portuguese-American applied mathematician, the Kavčič-Moura University Professor of Mathematics at Carnegie Mellon University, where she directs the Center for Nonlinear Analysis. Did her undergraduate studies at the University of Lisbon. She earned a Ph.D. from the University of Minnesota in 1985, under the supervision of David Kinderlehrer, who later followed his student to CMU. She joined the CMU faculty after postdoctoral studies in Paris, France. In 2011, Fonseca was elected president of the Society for Industrial and Applied Mathematics. She also served on the Mathematical Sciences jury for the Infosys Prize in 2014 and 2015. Beginning in 2023, she is Chair for SIAG on Mathematical Aspects of Materials Science (SIAG/MS), an activity group for SIAM. Awarded as a knight of the Order of Saint James of the Sword, elected as a fellow of SIAM "for contributions to nonlinear partial differential equations and the calculus of variations" and a fellow of the American Mathematical Society. She is also a former AMS Council member at large and received an Honoris Causa Doctorate from Universidade Nova de Lisboa in 2013.