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He received his Ph.D. in Mathematics from Pavia in 1996 and his M.S. in Mathematics from the same institution in 1990. He is Associate Dean of the CEMSE division at KAUST and, before joining KAUST, he served as the director of Pavia's Higher Education School and was a member of several academic committees, including the University's Academic Senate and Evaluation Committee.

His research focuses on the numerical approximation of partial differential equations, spanning various aspects of mathematical modeling and scientific computing. He has made significant contributions to the modeling and simulation of fluid-structure interaction problems and the study of the numerical approximation of eigenvalue problems arising from partial differential equations.

At KAUST, he leads the Numerical Methods for PDEs (NumPDE) research group, which provides a platform for the mathematical analysis and numerical validation of numerical schemes