

ALFIO QUARTERONI

Alfio Quarteroni is Professor Emeritus at the EPFL (Swiss Federal Institute of Technology), Lausanne (Switzerland) and Professor of Numerical Analysis at the Politecnico di Milano (Italy), founder and scientific director of MOX, Politecnico di Milano.

He is the author of 25 books, editor of 6 books, author of about 400 papers, and editor in Chief of two book series published by Springer.

He is the recipient of the Galileian Chair, Scuola Normale Superiore, Pisa, Italy, the Laurea Honoris Causa in Naval Engineering at University of Trieste, Italy, the Feng Kang prize of the Chinese Academy of Sciences, 2013, the Euler prize, 2015, the Galileo Galilei International Prize for Mathematics, 2015, and of two ERC advanced grants.

He is Member of the Accademia Nazionale dei Lincei, Member of Academia Europaea, Member of the Lisbon Academy of Sciences, Fellow of the European Academy of Sciences (EAS), SIAM Fellow, first row, 2009, EAMBES Fellow.

His research interest focus on mathematical modelling, numerical analysis, scientific computing, with application to fluid mechanics, geophysics, medicine, and the improvement of sports performance. His research group has carried out the mathematical simulation for the optimisation of performances of the Alinghi yacht, the winner of two editions (2003 and 2007) of the America's Cup.