CURRICULUM VITAE of LUIGI BRUGNANO

https://people.dimai.unifi.it/brugnano/

Status: married, two sons.

1962: born in Brindisi (Italy), on December 16, 1962.

1981: school leaving examination, at the *Liceo Scientifico* "E. Fermi" in Brindisi (Italy), passed with mark 60/60.

1985: degree *magna cum laude* in Computing Sciences, at the University of Bari (Italy).

1986–87: military service, as reserve officer, in the Italian Navy.

1988–90: CNR research grants spent at the "Istituto per Ricerche in Matematica Applicata del CNR", Bari (Italy).

1990–92: assistant professor of Numerical Analysis at the Science Faculty of the University of Bari (Italy).

1992–2001: associate professor of Numerical Analysis at the Science Faculty of the University of Firenze (Italy).

2001–: full professor of Numerical Analysis at the Science Faculty of the University of Firenze (Italy). From January 1, 1996, based at the Mathematics and Informatics Department "U. Dini" of such University.

Courses taught: Numerical Analysis, Numerical Calculus, Numerical Optimization, Operating Research.

Scientific production: over 150 scientific publications, including 5 monographs; their list is available on the internet at the URL: https://people.dimai.unifi.it/brugnano/files/elenpub.html

Research interests: Numerical linear algebra; Parallel computing; Computational fluid-dynamics; Iterative methods for systems of equations; Numerical methods for ODEs and DAEs; Numerical methods for SODEs; Geometric Integration; Numerical methods for polynomial roots; Mathematical modelling; Mathematical software.

Academic activity:

- Principal Editor of the *Journal of Computational and Applied Mathematics*;
- Associate editor of the Journals: *Applied Mathematics and Computations*; *Applied Numerical Mathematics*; *Axioms*; *International Journal of Modeling, Simulation, and Scientific Computing*; *Journal of Computational Mathematics and Data Science*; *Journal of Numerical Analysis, Industrial and Applied Mathematics*; *Scalable Computing: Practice and Experience*.
- Reviewer for the *Mathematical Reviews* and the *zbMATH*.
- Chairman of the degree course in Mathematics, University of Firenze, Italy (November 2012–October 2016).
- Referee for the following scientific journals: Advances in Computational Mathematics; Annali di Matematica Pura ed Applicata; Applied Mathematics and Computation; Applied Mathematics & Information Sciences; Applied Mathematics Letters; Applied Mathematical Modelling; Applied Numerical Mathematics; BIT Numerical Mathematics; Bulletin of the Malaysian Mathematical Sciences Society; Calcolo; Chinese Physical Letters; Chinese Physics B; Communications in Computational Physics; Communications in Mathematical and in Computer Chemistry; Communications in Nonlinear Science and Numerical Simulation; Computer Mathematics with Applications; Computer Methods in Applied Mechanics and Engineering; Computer Physics Communications; Discrete Dynamics in Nature and Society; European Transaction on Numerical Analysis; Far East Journal of Applied Mathematics; IEEE Transactions on Computers; Informatica; International Journal of Applied and Computational Mathematics; International Journal on Computer Mathematics; Journal of Applied Analysis and Computation; Journal of Applied Mathematics and Computing; Journal of Computational and Applied Mathematics; Journal of Computational Mathematics; Journal of Computational Methods in Sciences and Engineering; Journal of Computational Phisycs; Journal of Computational Sciences; Journal of Difference Equations and Applications; Journal of Guidance, Control and Dynamics; Journal of Scientific Computing; Le Matematiche; Linear Algebra and its Applications; Linear and Multilinear Algebra; Mathematical Methods in the Applied Sciences; Mathematical Modelling and Analysis; Mathematical Reviews; Mathematics and Computers in Simulation; Mathematics of Computation; Mediterranean Journal of Mathematics; Neural Computation; Nonlinear Analysis; Nonlinear Dynamics; Nonlinear Studies; Numerical Algorithms; Numerical Linear Algebra with Applications; Numerical Mathematics: Theory, Methods and Applications; Numerical Methods for Partial Differential Equations; Numerische Mathematik; Parallel and Distributed Computing Practices; Rivista di Matematica dell'Università di Parma; Science Asia; SIAM Journal on Numerical Analysis; SIAM Journal on Scientific Computing; Simulation Modelling Practice and Theory; Taiwanese Journal of Mathematics; The European Physical Journal Plus; The Open Applied Mathematical Journal; Theoretical Computer Science; World Journal of Modelling and Simulation.

Awards:

1. "Honorary Fellowship" of the *European Society of Computational Methods in Sciences, Engineering and Technology*, awarded during the international conference ICNAAM 2012, held in Kos (Greece), on September 19-25, 2012;
2. "Outstanding Achievements Award", awarded during the 2nd International Conference NUMTA 2016, held in Pizzo Calabro (Italy), on June 19-25, 2016.