

Alberto ROVEDA
Curriculum vitae

*Dipartimento di Economics
University of Verona
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Biographical notes

Born in Verona, March 17 1964.

Education

Degree in Computer Science at the University of Milan.

Fellowship

1992/93 winner of fellowship for research activity at “École Normale Supérieure de Lyon”, Lione, France and at “Argonne National Laboratory”, Chicago, Illinois, U.S.A.

Accademic positions

- Since 1994 Researcher of Mathematics (s.s.d. SECS S/06).
- Since 2002 Head of Centro Interdipartimentale Documentazione Economica (C.I.D.E.).
- Since 2008 Head of Master in Project Management.
- 2016/2023 Component of “Quality Team” (TAQ) for Bachelor's degree in Economics and Commerce
- 2016/2022 Component of Scientific Committee of Logimaster and of CP in Risk Management.
- Since 2016 Component of Scientific Committee of Master in Internal Auditing & Compliance.
- Since 2017 Component of Postgraduate Committee, University of Verona.

Teaching activities

- 1994/97 Exercises of Mathematics.
- 1997/98 Exercises of Mathematics.
Mathematics at University "L. Bocconi".
- 1998/99 Mathematics
Computer Science
Exercises of Mathematics.
- 1999/00 Mathematics (two courses).
Foundations of Computer Science.
Exercises of Mathematics.
Operations Research.
- 2000/01 Operations Research.
Company Management Mathematics.
Foundations of Computer Science.
- 2001/02 Mathematics.
Company Management Mathematics.
Foundations of Computer Science.
- 2002/03 Company Management Mathematics.
Information System of Financial.
Operations Research.

- 2003/04 Mathematics.
Information System of Financial.
A module of Operations Research.
A module of Company Management Mathematics.
A module of Optimization Method for Phd in Economics.
A module of Optimization Method for Phd in Economics.
- 2004/05 Information System of Financial.
Mathematics.
A module of Optimization Method for Phd in Economics.
A module of Mathematical and computer tool for process management for Master in Project Management.
- 2005/06 Mathematics.
Linear Algebra and Elements of Geometry
A module of Optimization Method for Phd in Economics and Finance
A module of Mathematical and computer tool for process management for Master in Project Management.
- 2006/07 Mathematics.
Linear Algebra and Elements of Geometry
A module of Optimization Method for Phd in Economics and Finance
A module of Mathematical and computer tool for process management for Master in Project Management.
- 2007/09 Exercises of Mathematics.
A module of Mathematical and computer tool for process management for Master in Project Management.
A module of Mathematics for Economic-Financial Decisions.
Exercises of Mathematics for Economic-Financial Decisions.
- 2009/22 Mathematics.
A module of Mathematical and computer tool for process management for Master in Project Management.
- Since 2019 he has carried out Project Management lesson modules in the inter-university master's degree: "Master in Advanced Management in the direction of healthcare professions"
- Since 2022 he has taught the Mathematics course for the degree course in Economics and Management
He held the Project Management course in collaboration with Eng. Giorgio Beghini for the degree course in Economics and Business Innovation at the Vicenza campus.
He has carried out lecture modules in the Master in Internal Auditing & Compliance.
He carried out Project Management lesson modules in the: "Master in Management for coordination functions of healthcare professions - Vicenza branch"
He carried out modules of Project Management lessons in the master's degree "Master in Management for coordination functions of health professions and coordination of community homes, community hospitals and primary care services".

Research activities

Parallel Computing, Applied Mathematics, Wavelet Analysis, Generational Accounts, Optimazitation.

Publications

Parallel Computing

PERETTI A., ROVEDA A., *Esperienze di calcolo parallelo all'Università di Verona*, "Atti del convegno Supercomputing Tools for Science and Engineering", Pisa, 4th-7th dec., 1989, Collana Scientifica C.N.R., Progetto finalizzato, Collana scientifica Franco Angeli, ISBN 88-204-6322-9.

ROVEDA A., SUTTI C., *Benchmarking for shared memory parallel computers by economic applications*, Technical Report no. 1/8, C. N.R. Progetto Finalizzato: Sistemi Informatici e Calcolo Parallelo, marzo, 1990.

ROVEDA A., SUTTI C., *Scelte strategiche nel modello input-output dei prezzi a capitale fisso*, "Atti del XV Convegno A.M.A.S.E.S.", Grado, 26-29 settembre, 1991.

ROVEDA A., SUTTI C., *Use of Leontief's Models for Benchmarking Shared Memory Computers*, "Atti del PACTA '92 - International Conference on Parallel Computing and Transputers Applications '92", Barcellona (Spagna), 21-25 settembre, 1992.

LEVINE D., ROVEDA A. *Utility Routines for Regular Mesh Calculations on Distributed Memory Parallel Processors*, Technical Report n. 93/46 di Argonne National Laboratory, novembre, 1993.

ROVEDA A., *Ghost Points Communication Subroutines for 2D and 3D Rectangular Mesh using Chameleon*, "Quaderno di Istituto di Matematica dell'Università di Verona del dicembre 1993", Libreria Universitaria Editrice, Verona, 1993.

SUTTI C., PERETTI A., ROVEDA A., *Non differentiable codes for parallel computers*, Scienza e Supercalcolo al CINECA - Rapporto, 1995.

SUTTI C., PERETTI A., ROVEDA A., *Libraries for the implementation of parallel numerical methods using regular grids*, Scienza e Supercalcolo al CINECA - Rapporto 1995.

SUTTI C., DOLCI P.V., PERETTI A., ROVEDA A., RIZZI D., *On the feasibility of a parallel financial code on CRAY-T3D.*, Scienza e Supercalcolo al CINECA - Rapporto 1995.

RIZZI D., ROVEDA A., *La selezione del portafoglio nell'approccio delle regole: implementazione su Cray T3E*, Atti delle Giornate di lavoro in memoria di Carla Sutti "Convessità e Calcolo Parallelo", Verona, maggio, 1997, Libreria Universitaria Editrice.

Wavelet Analysis

ROVEDA A., SANDRI M., *Identificazione di Trend e Cicli di Lungo periodo mediante trasformato Wavelet: un'applicazione all'indice di produzione industriale*, lavoro presentato al XXI Convegno Annuale A.M.A.S.E.S., settembre, 1997.

A. Berardi, L. Malachini, A. Roveda, *Cyclical consumption growth and the term spread*, lavoro presentato al XXVI Convegno Annuale A.M.A.S.E.S., settembre, 2003.

Applied Mathematics

PELLEGRINI L., ROVEDA A., *A scalarization method for vector optimization and Variational Inequalities*, abstract presentato al workshop on "Equilibrium Problems and Variational Models", Taormina, dicembre 1998;

A. ROVEDA, TEBALDI C., BERARDI A., *Tests on multiscale forecasting models*, lavoro presentato al XXIII Convegno Annuale A.M.A.S.E.S., Settembre 1999.

C. TEBALDI, ROVEDA A., ROSSI F.A., *A multifractal model for volatility fluctuations in financial time series*, lavoro presentato al XXIII Convegno Annuale A.M.A.S.E.S., Settembre 1999.

A. Peretti, A. Roveda, On the mathematical background of Google PageRank algorithm, Rapporto di Ricerca Dipartimento Scienze Economiche, 2014

Generational Accounts

N. SARTOR, M. COZZOLINO, C. DECLICH, V. POLIN, A. ROVEDA, Politiche fiscali e famiglie in Italia: una prospettiva di Contabilità Generazionale, Rapporto ISAE Ottobre 2001, cap. 4.

N. Sartor, C. Azzarri, M. Cozzolino, C. Declich, V. Polin, A. Roveda, "Intragenerational distribution across families: what do generational accounts tell us?", in ENEPRI Occasional Paper n. 2, Welfare, Intergenerational Distribution and Households, Bruxelles, ottobre 2003. (pubblicato anche negli atti della XIV riunione scientifica della Società italiana di economia pubblica, Pavia, 4-5 ottobre, 2002)

A. Roveda, La dinamica dei conti generazionali familiari, lavoro presentato al XXVI Convegno Annuale A.M.A.S.E.S., settembre, 2002.

Rocchi E., Roveda A., "Analisi dell'evoluzione delle famiglie: Il caso del comune di Verona", lavoro presentato al Workshop "Corso di vita, famiglie e riproduzione fra scelte e costrizioni", Verona 19 ottobre 2004.

Polin V., Rocchi E., Roveda A., "L'uscita dei figli dalla famiglia di origine: rilevanza degli aspetti economici?", Atti dei Convegni Lincei 224: "Famiglie, Nascite e Politiche sociali", Accademia dei Lincei, Roma 28-29 Aprile 2005, Bardi Editore, Roma 2006.