

Modulo B

Silvio Giove

Biographical notes: Born in Vencice, on October 23th, 1956.

Education: University degree in Electroonic Engineering, Università of Padua, Italy Current positions: [2000-today] Associate professor, University Ca' Foscari of Venice.

Research interest: Decision Theory and Multi Criteria analysis - Soft-computing and Data Mining - Fuzzy Logic - Bioengineering.

Some courses taught: Artificial Intelligence - Economics of Complex Systems - Mathematical Methods for Economics- Basic Mathematics – Multi Criteria Analysis – Dynamic Systems and Control Theory.

Other academic activity: [1996-today] Member of the Teaching Board and teacher in Master and Post-Graduated Courses.

Other: Holder of Academy Funds, from University of Trento and Venice, Italy - Various research projects, from Italian Ministries for education, university and research (M.U.R.S.T. and M.I.U.R.) - Various research projects, from the Italian National Research Council (C.N.R.).

Referee: Economics & Complexity; European Journal of Operational Research; Rendiconti per gli Studi Economici; Fuzzy Sets and Systems; Intelligent Automation and Soft Computing, IEEE Transactions on Fuzzy Systems.

Other activities: Member of various organizing and/or scientific Committees of conferences, meeting, summer schools and seminars; Member of the Directive Committee of S.I.R.E.N., scientific Consultant for private and Public Istitutions.

Some of the most recent publications (from 2000)

- Fedrizzi M., Giove S., “Incomplete pairwise comparison and consistency optimization”, *European Journal of Operational Research*, 183, 2007, 303-313.
- Critto A, Torresan S, Semenzin E, Giove S, Mesman M, Schouten AJ, Rutgers M, Marcomini A., “Development of a site-specific Ecological Risk Assessment for contaminated sites: Part I. A multi-criteria based system for the selection of ecotoxicological tests and ecological observations”, *Science of the Total Environment*, 379, 2007, 16-33.
- Critto A., Cantarella L., Carlon C., Giove S., Petruzzelli G., Marcomini A., “Decision support-oriented selection of remediation technologies to rehabilitate contaminated sites”, *Integrated Environmental Assessment and Management*, vol. 2, n. 3, 2006, SETAC, 273-285.
- Piccione F., Giorgi F., Tonin P., Priftos K., Giove S., Silvoni S., Palmas G., Beverina F., “P300-based brain computer interface: Reliability and performance in healty and paralhysed participants”, *Clinical Neurophysiology*, 117 (3), march 2006, 531-537
- Giove S., *et al.*, “User adaptive BCIs: SSVEP and P300 based interfaces”, *PsychNology Journal*, vol. 1, 4, 2003, 331-354.
- Giove S., Basta C., “Environmental risk and territorial compatibility: a soft computing approach”, *Neural Nets*, Springer-Verlag, 2003, 195-201.
- Giove S., Funari S., Nardelli C., “An interval portfolio selection problem based on regret function”, *European Journal of Operational Research*, 170, 2005, 253-264.
- Giove S., Facchinetti G., Pacchiarotti N., “Optimization of a non linear fuzzy function”, *Soft Computing Journal*, 6, 6, 2002, 476-480.
- Funari S., Giove S., “A nearest neighbor approach for a credit classification problem”, *Rendiconti per gli Studi Economici Quantitativi*, vol. 2002, pag. 1-14.

- Giove S., Greco S., Matarazzo B., Slowinsky R., "Variable consistency monotonic decision trees", *Rough Sets and Current Trends in Computing*, Springer, vol. 2475, 2002, 247-254.
- Giove S., "Interval TOPSIS for multicriteria decision making", *Neural Nets*, Springer, 2002, 56-63.
- Giove S., "Piecewise linear approximation of monotonic fuzzy operators among L-R type fuzzy numbers", *Central European Journal of Operations Research*, vol. 7, (4), 2000, 305-320.