

CURRICULUM VITAE

PERSONAL INFORMATION

Full Name: **George Zobolas**
Date of birth: 30 November 1978
Marital Status: Married
Military Obligations: Fulfilled
Nationality: Hellenic
Address: Kremou 104, Kallithea 17676, Athens, Greece
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EDUCATION

Mar. 2004 – Jan. 2009 **Athens University of Economics & Business (AUEB)**
PhD in Manufacturing Management, Department of Management Science and Technology. Thesis: Optimization Methods for Complex Production Planning and Scheduling Problems.

Sep. 2001 – Sep. 2002 **University of Manchester, Institute of Science & Technology (UMIST)**
MSc in *Operations Management*. Thesis subject: MRP optimization: Using iterative methods to adjust lead times and reduce work in progress

Sep. 1996 – Sep. 2001 **National Technical University of Athens (NTUA)**, Diploma in *Mechanical Engineering*. Pathway: Production engineering. Thesis subject: Rough cut capacity planning and MPS optimization with the use of genetic algorithms

Jun. 1996 Graduated from the **5th High School** of Kallithea, Athens

SEMINARS

2007 ISO 9001 quality assurance training by Athens University of Economics and Business.

13/4/2004 – 19/4/2004 ‘Microsoft Navision Attain – Supply Chain Management Training’ by New Horizons. Duration: 40h

4/11/2002 – 29/11/2002 ‘Geographical Information Systems (GIS)’ by 01 KEK Pliroforiki. Duration: 40h

SKILLS

Languages
Greek: Native language, fluently spoken and written
English: Fluently spoken and written. Cambridge Proficiency certificate, Michigan Proficiency certificate, TOEFL (267), Cambridge First Certificate
French: Very well spoken and written. Delf 2nd Degré (A1-A6) Certificat de langue Francaise

Computers
Office Applications, Matlab, Programming in Fortran, Visual Basic, C++, PowerPoint, AutoCAD, Photoshop, ArcView (GIS), Simul8, audio-video editing, LAN setup, Matlab

Other
Aftermarket ECU reprogramming, EFI university certified tuner.

EXPERIENCE

2007-today	Managing Partner, GearTech Engineering LTD, Athens, Greece, a leading company in Greece operating in the car performance industry and alternative fuels.
2004 – 2010	Teaching Assistant, Athens University of Economics & Business. Lectures in: <ul style="list-style-type: none">▪ Production & Operations Management▪ ERP Systems
2004-2010	Researcher, Management Science Laboratory, Athens University of Economics & Business. Projects: <ul style="list-style-type: none">▪ ‘EPER’ project (Research & Development of efficient production scheduling methods for flow systems), applied to Cyclon Hellas S.A. (2007-2008)▪ ‘POSEIDON’ project (A web integrated system of operational optimization for marine applications), applied to P.G.A. shipping company S.A. (2005-2007)▪ ‘DADES’ project (Waste Management with Net Applications and Systems), applied to Cyclon Hellas S.A. (2004-2007)
Oct 2002 – Feb 2003	System Analyst, ‘01 Pliroforiki S.A’ <ul style="list-style-type: none">▪ ‘Laura’ Project for Virtual Organization establishment in Less Favored European Regions. EU funded▪ Design & establishment of a human network for technological and research training. EU funded
Sep 2000 – Dec 2000	Part time employment at the sales department of Lion Hellas, Peugeot automobiles distributor in Greece
Sep 99 – Nov 99	Full time employment at Service Club corporation, Honda automobiles major distributor. Optional University program concerning practice in relevant engineering field

DISTINCTIONS

10/2006	Microsoft convergence 2006 EMEA, excellence in Education awarded to the Athens University of Economics and Business team.
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ACADEMIC EXPERIENCE

3/2004 – Today	Teaching assistant, ‘ERP Systems’ and ‘Production and Operations Management’, Athens University of Economics & Business, Management Science & Technology Department
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PUBLICATION IN INTERNATIONAL JOURNALS

- Zobolas G., Tarantilis C.D., Ioannou G., (2008) “Extending Capacity Planning by Positive Lead Times and Optional Overtime, Earliness and Tardiness for Effective Master Production Scheduling”, *International Journal of Production Research*, v46, 3359-86
- Repousis, P., Paraskevopoulos, D., Zobolas, G., Tarantilis, C.D., Ioannou, G., (2009) “A Web-based Decision Support System for Waste Lube Oils Collection and Recycling”, *European Journal of Operational Research*, v195, 676-700
- Zobolas G., Tarantilis C.D., Ioannou G., (2009) “A Hybrid Evolutionary Algorithm for the Job Shop Scheduling Problem”, *Journal of the Operational Research Society*, v60, 221-235
- Zobolas G., Tarantilis C.D., Ioannou G., (2009) “Minimizing Makespan in Permutation Flow Shop Scheduling Problems via a Hybrid Metaheuristic Algorithm”, *Computers & Operations Research*, v36, 1249-1267
- Zobolas G., Tarantilis C.D., Ioannou G., “Solving the Open Shop Scheduling Problem via a Hybrid Genetic-Variable Neighbourhood Search Algorithm”, *Cybernetics and Systems: An*

International Journal, v40, 259-285

- Zobolas G., Paraskevopoulos D., Ioannou G., “Production Planning & Scheduling: Towards Effective ERP Integration”, *International Journal of Manufacturing Excellence*, v1, 17-26

BOOK CHAPTERS

- Zobolas G., Tarantilis C.D., Ioannou G., Exact, Heuristic and Metaheuristic Algorithms for Solving Shop Scheduling Problems, *Metaheuristics for Scheduling: in Industrial and Manufacturing Applications*, Fatos xhafa, Ajith Abraham (Eds), Springer Verlag, http://dx.doi.org/10.1007/978-3-540-78985-7_1

PRESENTATIONS IN CONFERENCES

- Zobolas G., Tarantilis C.D., Ioannou G., “A Hybrid Metaheuristic Algorithm for the Permutation Flow Shop Scheduling Problem”, Euro XXII, 22nd European Conference on Operational Research, Prague, Czech, 2007.
- Zobolas G., Tarantilis C.D., Ioannou G., “Solving the Open Shop Scheduling Problem via a Hybrid Metaheuristic Algorithm”, XIX conference of the Hellenic Foundation of Operational Research (HFOR), Arta, Greece, 2007
- Zobolas G., Tarantilis C.D., Ioannou G., “Flowshop Scheduling optimization with the use of Genetic Algorithms: A comparison with classical construction heuristics”, 4th Student Conference of Management Science and Technology, Athens, Greece, 2007
- Zobolas G., Tarantilis C.D., Ioannou G., Job-shop scheduling optimization using the Differential Evolution Algorithm, 3rd Student Conference of Management Science and Technology, Athens, Greece, 2006
- Repoussis P.P., Paraskevopoulos D.C., Zobolas G., Tarantilis C.D. and Ioannou G. A decision support system for effective management of waste lube oils recycling operations, In A. Jaskiewicz, M. Kaczmarek, J. Zak (eds), *Advanced Operations Research and Artificial Intelligence Methods in Transportation*, Poznan University of Technology, Poznan, Poland, 2005.
- Zobolas G., Tarantilis C.D., Ioannou G., “A Genetic Algorithm for Efficient Production Scheduling”, Euro XX, 20th European Conference on Operational Research, Rhodes, Greece 2004.

PARTICIPATION IN FOUNDATIONS – ORGANISATIONS

- Member of the Hellenic Foundation of Operational Research (HFOR) since 12/2002
- Member of the Technical Chamber of Greece since 6/2003. Reg. Number: 95360
- Member of the Hellenic Association of Mechanical & Electrical Engineers since 6/2003

OTHER ACTIVITIES

24/2/2003 – 24/2/2004	Fulfillment of military obligations in the Greek Army as a sergeant of the Telecommunications Corps. Speciality: Operator of Battle Zone Telecommunication Systems
13-29/8/2004	Volunteer of the Athens 2004 Olympic Games
9/1996 – 10/1998	Member of NTUA’s racing team (Motorsports)