

Curriculum Vitae

Personal Informations

First name / Surname Laura Puglia
Address Piazza Mazzini 20, Poggibonsi (SI), Italy
Mobile 3663662464
E-mail laura.puglia@ing.unitn.it
Nationality Italian
Date of birth 14/08/1985

Work Experiences

Dates September 2011 - Today
Occupation or position held Research collaborator
Main activities and responsibilities Research activity in the area of control.
Name and address of employer IMT Alti Studi di Lucca

Dates May 2010 - Today
Occupation or position held PhD student
Main activities and responsibilities Research activity in control; collaboration in the European project "E-Price", on electricity smart-grids optimization; submission of some financial-related papers (option hedging) to international conferences (CDC,ACC); review of scientific papers.
Name and address of employer University of Trento

Dates June 2008 - September 2008
Occupation or position held Intern in IT department
Main activities and responsibilities Data Entry in DB Oracle and editing of documentation in a software purchase negotiation.
Name and address of employer PRAMAC S.p.a., Localita' Il Piano, Casole d'Elsa (SI)

Publications

L. Puglia, D. Bernardini and A. Bemporad, "A multi-stage stochastic optimization approach to optimal bidding on energy markets", in Proc. 50th IEEE Conf. on Decision and Control and European Control Conference, Orlando, FL, 2011.

A. Bemporad, L. Puglia, "A Stochastic Model Predictive Control Approach to Dynamic Option Hedging with Transaction Costs", in Proc. American Control Conference, San Francisco, CA, 2011.

A. Bemporad, T. Gabbriellini, L. Puglia, L. Bellucci, "Scenario-based Stochastic Model Predictive Control for Dynamic Option Hedging", in Proc. 49-th Conference on Decision and Control, Atlanta, GA, 2010.

L.Puglia, A. Jokic, A. Virag: "Double-sided ancillary services markets: design and optimal bidding strategies", accepted at 10-th International Conference on the European Energy Markets, Stockolm, Sweden, 2013.

Education and training

Dates	January 2008 - April 2010
Name and type of education and training	Master student in Management Engineering Thesis title: "Stochastic Predictive Control Algorithms for Dynamic Option Hedging", in collaboration with Monte dei Paschi di Siena.
Main subjects/occupational skills covered	Logistical network optimization Marketing, Project Management, Financial analysis
Title of qualification awarded	Master of Science in Management Engineering, final mark: 110/110 cum laude
Name and type of organization providing education and training	IT Engineering Department - Universita' degli Studi di Siena
Dates	October 2004 - December 2007
Name and type of education and training	Undergraduate student in Management Engineering Thesis title: "Generation and solution of instances for a sequence problem in a steel plant".
Main subjects/occupational skills covered	Optimization methods, Economics, Operational research, Data identification and analysis, Production management and quality control, Decision support systems
Title of qualification awarded	Bachelor of Science in Management Engineering, final mark 107/110

Name and type of organization providing education and training | IT Engineering Department - Universita' degli Studi di Siena

Dates | September 1999 - June 2004

Name and type of education and training | High school

Title of qualification awarded | Scientific High School Leaving Certification, final mark 100/100

Name and type of organization providing education and training | Liceo Scientifico A. Volta, Colle Val d'Elsa (SI), Italy

Dates | July 2003

Name and type of education and training | Orienteering course

Name and type of organization providing education and training | Scuola Normale Superiore di Pisa

Personal skill and competencies

Mother tongue | Italian

Other languages | English

Social skills and competencies | Maths and Physics lessons to high-school students.
Work as a waiter in a restaurant.

Organizational skills and competencies | Flair for team-working, motivational and coordinating capacities, for example in workshops and practical exercises.

Computer skills and competencies | ECDL (European Computer Driving License).
Basis knowledge of programming languages Java, Matlab.
Knowledge of style language XSL.

Interests | Books, sports, latin dances, winner of some Italian poetry competitions.

Driving license | B