



Symposium on Industrial Organization and Game Theory

Fernanda A. Ferreira and Flávio Ferreira

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Symposium on Industrial Organization and Game Theory

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INTRODUCTION

The aim of the symposium on Industrial Organization and Game Theory, at the International Conference of Numerical Analysis and Applied Mathematics 2010 (ICNAAM 2010), is to bring together researchers with different backgrounds and interests in all aspects of Game Theory, its applications in Industrial Organization, and its practice, in order to further communication, collaboration, and exchange of new ideas. The topics include, but are not limited to the following: Game Theory and Management, dynamic games, stochastic games, network games, bargaining, coalition formation, cooperative games, differential games, learning, non-cooperative games, oligopoly games, voting and power indices; applications of games in fields such as strategic management, marketing, operations management, public management, financial management, human resource, energy and resource management, and, in particular, industrial organization that investigates the outcomes of market structures in environments with prices or quantity competition, demand and costs uncertainty, product differentiation, R&D and innovation, international trade policies, and other. This symposium on Industrial Organization and Game Theory is the second one organized at ICNAAM, having the first one occurred in 2009.

ORGANIZERS

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Fernanda A. Ferreira is Adjunct Professor of Mathematics at School of Management and Industrial Studies, Polytechnic Institute of Porto (Portugal), and is a member of the Mathematical Research Center at the University of Porto, CMUP (Portugal). She got her PhD at University of Porto in 2007, with a thesis entitled "Applications of Mathematics to Industrial Organization", under the supervision of Alberto A. Pinto. Her research interests are in Game Theory and its applications in Industrial Organization. She is the author or co-author of more than 50 journal papers and conference proceedings. She has given talks in major international conferences, mainly on Mathematics and its applications in Engineering and Economics.

Flávio Ferreira



Flávio Ferreira is Coordinator Professor of Mathematics at School of Management and Industrial Studies, Polytechnic Institute of Porto (Portugal), and is a member of the Mathematical Research Center at the University of Porto, CMUP (Portugal). He is the head of Mathematics Department of School of Management and Industrial Studies, Porto Polytechnic Institute. He got his PhD in Applied Mathematics, at University of Porto, in 2000, under the supervision of Alberto A. Pinto. His research interests are in Dynamical Systems and in Game Theory and its applications in Industrial Organization. He is co-author of a book published by Springer-Verlag, and co-author of more than 40 journal papers and conference proceedings.