

**THIRD AERNA WORKSHOP ON  
GAME THEORY AND THE ENVIRONMENT**

2-3 September, 2019

Department of Economic Analysis, Room 3P17  
Economics Faculty, University of Valencia  
Avenida de los Naranjos s/n, 46022 Valencia



VNIVERSITAT DE VALÈNCIA  Facultat d'Economia

Departament d'Anàlisi Econòmica



**Monday, 2 September**

09:30 Welcome and introduction (Rafael Moner, University of Valencia)

*Session 1. Differential Games. Chair: Amparo Urbano (University of Valencia)*

10:00 – 10:30 Luca Lambertini (University of Bologna)

“On Nonlinear Feedback Strategies in Differential Games with Multiple State Variables”

10:30 – 11:00 Jorge Navas (University of Barcelona)

“Time to Switch: Different Regimes and Competitive Management of Natural Resources”

11:00 – 11:30 Guiomar Martín-Herrán (University of Valladolid and IMUVA)

“Investment in Cleaner Technologies in a Transboundary Pollution Dynamic Game: A Numerical Investigation”

11:30 – 12:00 Francisco Cabo (University of Valladolid)

“Cooperation in a Dynamic Setting with Asymmetric Environmental Valuation and Responsibility”

*Coffee Break*

*Session 2. Industrial Organization. Chair: Carmen Arguedas (Autonomous University of Madrid)*

12:30 – 13:00 Ángela García-Alaminos (University of Castilla-La Mancha)

“Emission Taxes, Feed-in Subsidies and the Investment in a Clean Technology by a Polluting Monopoly”

13:00 – 13:30 Francisco André (Complutense University of Madrid)

“The Role of Grandfathering under Simultaneous Market Power in Product and Emission Permit Markets”

13:30 – 14:00 Michèle Breton (HEC Montréal)

“Time Evolution of a Differentiated Oligopoly: The Case of Sustainable Wine”

*Lunch: Economics Faculty Cafeteria*

*Session 3. Chair: Begoña Casino (University of Valencia)*

15:15 – 15:45 Esther Blanco (University of Innsbruck)

“Experimental Evidence on Additional and Sharing Rules in Payments for Ecosystem Services”

15:45 – 16:15 Alessandro Tavoni (University of Bologna)

“Delegation in a Public Goods Game”

16:15 – 16:45 Michael Finus (University of Graz)

“Strategic Climate Policies with Endogenous Plant Location: The Role of Border Carbon Adjustments”

*Coffee Break*

Session 4. Transport Economics. Chair: María Feo (University of Valencia)

17:15 – 17:45 Georges Zaccour (HEC Montréal)

“Optimal Government Scrappage Subsidies in the Presence of Strategic Consumers”

17:45 – 18:15 Mads Greaker (Oslo Metropolitan University)

“Charging of Electric Vehicles: Does the Diversity of Standards Prolong the Life of the Gasoline Car?”

18:15 – 18:45 Seyed Abolfazl Mohseni (University of Antwerp)

“Socio-Economic Evaluation of Alternative Technologies to Mitigate Sulfur Emissions in Maritime Container Transport”

20:30 *Dinner*

**Tuesday, 3 September**

Session 5. Chair: Mabel Tidball (CEE-M, Montpellier University, INRA, CNRS, SupAgro)

09:00 – 09:30 Renan Goetz (University of Girona)

“The Scope of Cooperation: Values and Beliefs, Moral Ties and the Emergence of a Social Norm”

09:30 – 10:00 César Martínez (CEE-M, Montpellier University, INRA, CNRS, SupAgro)

“Private Management of Epidemics”

10:00 – 10:30 Dolores Garrido (Washington State University)

“Signaling under Bilateral Uncertainty: The Case of Green Labels”

10:30 – 11:00 Carmen Arguedas (Autonomous University of Madrid)

“Incentives for Green Technology Adoption, Imperfect Compliance, and Risk Aversion”

*Coffee Break*

Session 6. International Environmental Agreements. Chair: Michael Finus (University of Graz)

11:30 – 12:00 Ingrid Hjort (University of Oslo)

“R&D and Climate Clubs”

12:00 – 12:30 Francesco Furini (University of Ca' Foscari Venice)

“The (Un)importance of Stackelberg Leadership for the Formation of (Un)successful International Climate Agreements”

12:30 – 13:00 Alejandro Caparrós (Institute for Public Goods and Policies, CSIC)

“Conditional and Unconditional Pledges in the Paris Agreement”

Keynote Speaker

13:00 – 13:50 Bard Harstad (University of Oslo)

“Pledge-and-Review Bargaining”

13:50 – 14:00 Closing comments (Santiago J. Rubio, University of Valencia)

14:30 *Lunch*

**Scientific Committee:**

Carmen Arguedas (Autonomous University of Madrid)

Pedro Cantos (University of Valencia and ERICES)

Michael Finus (University of Graz)

Guiomar Martín-Herrán (University of Valladolid and IMUVA)

Pedro Pintassilgo (University of Algarve)

Mabel Tidball (Center for Environmental Economics, Montpellier)

Hans-Peter Weikard (University of Wageningen)

**Organizing Committee:**

Begoña Casino (Department of Economic Analysis, University of Valencia)

María Feo (Department of Applied Economics II, University of Valencia)

Rafael Moner (Department of Economic Analysis and ERICES, University of Valencia)

Santiago Rubio (Department of Economic Analysis and ERICES, University of Valencia)

Amparo Urbano (Department of Economic Analysis and ERICES, University of Valencia)