

# **TFM PROPOSAL**

## **Henry Aray**

- Financial Economics:
  - Macroeconomic news and stock market returns.
- Regional Economics:
  - Empirical Economic growth.
  - Decentralization.
  - Public Investment allocation.
- International Economics:
  - Factor reallocation under uncertainty.
  - Tariff policy under exchange rate uncertainty.
- Industrial Economics:
  - Modes of market entry.
  - Tax policy under uncertainty.

## **Daniel Arias Aranda**

Topics related to Operations management, ERP Management, Servitization and Simulation. Also Leadership and Emotional Intelligence.

Works under progress are on:

- ERP implementation and cloud computing.
- Gamification and simulation in Educational and Business Environments.
- Leadership and Emotional Intelligence.

## **Vanessa Barrales Molina**

Topics related with Open Innovation models, Biotechnology sector, Collaboration strategy and startups.

Works under progress are on:

- Comparison between product and service innovation in biotechnology sector.
- Age, size and location to explain startups outcomes.
- Factors explaining success in startups.

## **Víctor Blanco Izquierdo**

Topics related with the analysis and optimization of logistic, distribution and transportation systems.

Works under progress are on:

- Development of solution methods for location problems under some kind of uncertainty.
- Optimization problems which simultaneously consider location and distribution.
- Routing problems.

## **Ana María Bojica Bojica**

Topics: Social entrepreneurship, academic entrepreneurship, gender and entrepreneurship, resource mobilization in entrepreneurial ventures.

## **Óscar Fernando Bustinza Sánchez**

Topics related with how companies transform their business models underpinned on the implementation of service innovations. Context: Industry 4.0 <http://www.makers-rise.org/>

For instance, Master Dissertations related to the following:

- Analysis on how digital technologies enable demand changes.
- Economic assessment of the impact of digital business model implementation in firm performance.
- Real-world studies analyzing cases in which social networks or big data is used to enhance firm competitiveness.
- Analysis of how digital technologies transform the value chain in manufacturing firms.
- The effect new entrants implementing digital business models have on supply chain structures and their value network dominance.

## **Julián Díaz Saavedra**

Topics related with pension and tax and transfer programs, and quantitative macroeconomics.

Current research deals with:

- The sustainability of Public Pension System.
- Growth and Indebtedness of developing countries.
- Age-dependending investment (optimal funding in defined contribution plans).

## **David Epstein**

Topic proposals:

- Determinants of demand for private health insurance in Spain.
- Evaluation and pricing of new pharmaceuticals in European Countries: literature review and critical analysis.
- Does good health make us wealthier? Critical review of empirical evidence on the relationship between health and productivity.

## **Simone Fari**

Topics related to Technological Network, Mobility, Globalization, Fourth Industrial Revolution.

## **Rosaura Fernández Pascual**

Topics related with statistical analysis of time series. Applications in the development of empirical studies on finance. Applied statistics to spatial economic data. Structural Equation Models.

## **Rosa María García Fernández**

Topics related with income distribution, poverty, polarization and inequality.

Proposals:

- Literature review on income distribution, poverty and inequality.
- Income density estimation.
- Poverty and inequality measurement.

## **Catalina García García**

Proposals:

- Econometric analysis of factors that influence on environmental damage.
- Development of methods to mitigate collinearity in moderated regression.
- Treatment of collinearity in CAMELS model.

Works under progress are on:

- Comparison between different methodologies to estimate models with collinearity.
- Development of measure to diagnose collinearity in model with dichotomies variables.
- Econometric models with applications on environmental sciences.
- Indicators to measure the environmental damage.

## **Teresa María García Muñoz**

Topics related with subjective well-being, subjective health, happiness, economics of migration and economics of religion.

Proposals:

- The role of religiosity in immigrants' well-being.
- Is there a "Happy immigrant effect" in Europe?.
- The role of international trade on inequality and its impact on happiness.

## **Francisco González Gómez**

Topics related with water economics.

Proposals:

- Privatization and remunicipalization of urban water management.
- Municipal water pricing and tariff design.
- Willingness to pay for improving water access, water quality...
- Efficient water-using technologies and habits.

## **Ana Isabel Guerra Hernández**

Proposals:

- Impact Analysis of GHG Emissions and Waste Generation Control Policies.
- Energy Poverty Measures.
- Design and Evaluation of Energy Poverty Mitigation Policies.

## **Leopoldo Gutiérrez Gutiérrez, Francisco J. Llorens Montes**

Topics related with:

- New tendencies about Quality Management:
  - QM and dynamic capabilities.
  - QM and sustainable competitive advantage.
  - New initiatives for QM implementation (Excellence models, ISO 2015...).
- Supply Chain management:
  - Sustainability in SCM.
  - Network structure and strategic management.
- Lean Management and Six Sigma methodology:
  - Study and application to practical experiences.
  - Organizational performance.

## **María del Pilar Ibarrodo Dávila**

Topics related to Costs analysis in road construction, Health and Safety cost in construction industry, DEA (Data Envelopment Analysis) in hotel sector.

Proposals:

- Cost variance analysis in road construction in Andalucía.
- Data Envelopment Analysis in hotel sector.

## **Dolores Jiménez Rubio**

Topics in health economics. Topic proposals:

- Evaluation of public policies such as e.g. impact of taxes on unhealthy food (fat tax, sugar tax): literature review and economic analysis and methods.
- Critical review of empirical evidence on socio-economic inequalities in health (Are income related health inequalities widening? What factors could explain these changes?).
- Objective versus subjective measures of health system performance (e.g. waiting list).

## **Juan Antonio Lacomba**

TFM proposal: Topics related to Labor Economics with experimental methods. Any topic related with experimental economics.

Work under progress is on labor economics, specifically:

- Obesity discrimination (Field experiment).
- Principal-agent relation in micro firms (Lab experiment).
- The distribution of income between labor and capital (Lab experiment).

### **Juan Carlos Leyva Díaz**

Topics proposal:

- Water management within the paradigm of circular economy.
- Circular economy and energy.
- Waste valorization through the application of circular economy.

### **Ricardo Martínez**

Topics related with social election and social welfare.

Ongoing work is related with:

- Fairly distribution of resources.
- Alternative measures of human development.

Some possible proposals for TFM:

- Welfare, inequality and poverty.
- Voting and preference aggregation.

### **Valentín Molina Moreno**

Topics related with Circular Economy, Sustainability.

Works under progress are on:

- Circular Economy
- Sustainability
- Other areas related to sustainability management and the fight against climate change.

### **Francisco Rodríguez Fernández**

Topics related with banking, finance, financial and economic development, industrial organization, corporate finance.

### **Matilde Ruiz Arroyo**

TFM proposals: Effectuation, Cross-national perspectives in the study of entrepreneurship, Factors affecting women's entrepreneurship, Entrepreneurial opportunities and entrepreneurial action.

Topics related with: entrepreneurship in specific contexts, individual and aggregate perspectives in entrepreneurship, novel theoretical approaches on entrepreneurship (effectuation), entrepreneurial action, entrepreneurial opportunities.

Works under progress are on:

- Effectuation, self-efficacy and entrepreneurial intention.
- Experience, expertise and effectuation.
- Uncertainty, effectuation and firm performance.
- Cross-national commercial vs. social entrepreneurship.

### **María José Ruiz Martos**

Topics related with experimental economics, individual decision making under risk, generalized dictator game, coordination games and generosity versus selfishness in a social context.

Works under progress are on:

- Heaven game (generalized dictator game).
- Dynamic choice under risk and the elicitation of plans.
- Stag Hunt games and the Pareto efficient equilibrium.

Proposal “Heaven game in a Social Context”:

- Literature review on dictator and burning games and theoretical explanations.
- Experimental design and hypothetical results.

### **Antonia Ruiz Moreno**

Topics related with degree of implementation quality management systems, models quality management ISO 9001 and EFQM and the influence of emotional intelligence and transactive memory systems.

Topic proposal:

- New tendencies about Innovation management:
  - Open Innovation models.
  - The relationship with Quality Management.
  - The relationship with Supply Chain Competence, Descriptive Capacity, ambidexterity etc.
- New tendencies about Quality Management:
  - Implementation quality management systems.
  - New initiatives for QM Models (ISO 9001 and EFQM).
  - The relationship with Innovation.
  - The relationship with other variables such a emotional intelligence and transactive memory systems.

### **Carlos Sánchez González**

Topics related with econometrics:

- Space state methods.
- New estimation procedures.

## **Ángel Solano García**

TFM proposal: Topics related with Political Economy, Public Economics, Immigration, Tax evasion, Applied Game Theory.

Works in progress are on:

- Effect of tax evasion in political competition.
- Corruption and preferences for income redistribution.
- Immigration, conflict and income redistribution in democracies.
- Experiments on preferences for income redistribution.

## **Javier Tamayo Torres**

Topics related with Ambidexterity, Coopetition, Manufacturing Flexibility or Quality Management.

Works under progress are on:

- Current debates on Ambidexterity Behaviours and Performance.
- Coopetition (Mix between Cooperation and Competition).
- How Manufacturing Flexibility influences performance.

Proposal “Coopetition –cooperation and competition-and performance”

- Literature review on coopetition.
- Descriptive analysis of how it is developed.