

CONTACT INFORMATION	University of Groningen Faculty of Economics and Business, Innovation Management and Strategy Nettelbosje 2, 9747 AE, Groningen, Netherlands e-mail: <a href="mailto:p.arque-castells@rug.nl">p.arque-castells@rug.nl</a> phone: +31 050 36 32656 (office)
PERSONAL	Date of birth: May 4, 1981 (Barcelona, Spain) Spanish citizenship, married with kids
EMPLOYMENT	University of Groningen, Innovation Management and Strategy Department Assistant Professor, 2019 - present  Institut d’Economia de Barcelona (IEB) Affiliated Researcher, 2010 - present
PROFESSIONAL EXPERIENCE	Northwestern University; Searle Center on Law, Regulation and Economic Growth Research associate, 2014-2019  Universitat Autònoma de Barcelona, Department of Applied Economics Post-Doc researcher, 2012-2014  Universitat de Barcelona, Department of Public Economics Post-Doc researcher, 2011-2012  Institut d’Economia de Barcelona (IEB) Research assistant, 2008-2010
EDUCATION	Ph.D. Economics, Universitat de Barcelona, 2010 M.Sc. Economics, London School of Economics, 2007 M.Sc. Economics, Universitat de Barcelona, 2006 B.A. Economics, Universitat de Barcelona, 2004
RESEARCH INTERESTS	Innovation Policy, Intellectual Property, Innovation Management
PUBLICATIONS	“Firm matching in the market for technology: Business stealing and business creation” (With Daniel F.Spulber), <i>The Journal of Industrial Economics</i> , forthcoming.  “Measuring the private and social returns to R&D: Unintended spillovers versus technology markets” (With Daniel F.Spulber), <i>Journal of Political Economy</i> , 2022.  “Royalty sharing, effort and invention in universities: Evidence from Portugal and Spain” (with Rui Cartaxo, José García Quevedo and Manuel Mira Godinho), <i>Research Policy</i> , 2016.  “Sunk costs, extensive R&D subsidies and permanent inducement effects” (with Pierre Mohnen), <i>The Journal of Industrial Economics</i> , 2015.

“Persistence in R&D performance and its implications for the granting of subsidies”, *Review of Industrial Organization*, 2013.

“How venture capitalists spur invention in Spain: Evidence from patent trajectories”, *Research Policy*, 2012.

#### WORKING PAPERS

“Does a stronger patent system encourage more R&D? Yes, in firms that rely on patents as a protection mechanism”, March 2022.  
Status: *Submitted*

“Pre-grant patent publication and the market for technology: licensing and patent transfers”, 2020.  
Status: *Reject and resubmit at Management Science*

“The choice of contractual mode to exchange technologies with rivals” (with Pedro de Faria and Florian Noseleit), June 2022.  
Status: *Preparing for submission at SMJ*

“COMPAD: link between Compustat and the USPTO Patent Assignment Dataset” (with Daniel F. Spulber), June 2022.  
Status: *Preparing for submission at Research Policy*

“Intangible asset valuation: the acquirer’s balance sheet approach” (with Jens Nankman and Daniel F. Spulber), June 2022.  
Status: *Preparing for submission at Journal of Finance*

“Which policies are effective at stimulating R&D?”, September 2018.  
Status: *Preparing for submission*

“What drives differences in R&D across countries? Insights from the intensive and extensive margins”, 2018.  
Status: *Preparing for submission*

“Venture Capital and the Invention to Innovation Transition”, 2018.  
Status: *Preparing for submission*

#### REPORTS AND GRANTS

EUIPO Academy Research Programme Grant, 2022. Proposal title: “Impact based indicators of the importance of IP protection mechanisms for SMEs”. Role: PI.

Study for the European Commission, 2021-2022. Project title: “Economic Impact Assessment on Standard Essential Patents” (GROW/2021/MVP/0010). Role: research team member and author.

#### HONORS AND AWARDS

Instituto de Estudios Fiscales (Madrid), Research grant 2009-2010  
Catalan Government, four-year Ph.D. Scholarship 2004-2008

#### CONFERENCE PRESENTATIONS

OECD “microBERD” conference (Paris, 2022)  
Bristol Economics of Innovation Workshop (Bristol, 2022)  
GSE workshop on the Economics of Science and Innovation (Barcelona 2022)  
Intellectual Property Statistics for Decision Makers Conference (Warsaw, 2022)  
8th ZEW Conference on the Economics of Innovation and Patenting (Mannheim, 2019)  
International Industrial Organization Conference (Boston, 2019)  
Intellectual Property Statistics for Decision Makers Conference (Alicante, 2018)

SAEe – Carlos III de Madrid (Madrid 2018)  
 Policy for Intellectual Property (EPIP) (Bordeaux, 2017)  
 GSE workshop on the Economics of Science and Innovation (Barcelona 2018)  
 5th Research Roundtable on Patents and Technology Standards (Chicago, 2017)  
 7th ZEW Conference on the Economics of Innovation and Patenting (Mannheim, 2017)  
 GSE workshop on the Economics of Science and Innovation (Barcelona 2017)  
 Intellectual Property Statistics for Decision Makers Conference (Mexico City, 2017)  
 Workshop on challenges of innovation policy (Reus, 2017)  
 Society for Economic Measurement Conference (Chicago, 2014)  
 CDM 15 years after (London, 2013)  
 Intangible investments, innovation and productivity (Valencia, 2013)  
 Workshop on R&D Policy Evaluation: Methods and Results (Paris, 2011)  
 Symposium on Universities, Innovation and Territory (Barcelona, 2011)  
 XXXVI Simposio de Economía Española (Madrid, 2010)  
 EARIE (Istanbul, 2010)  
 DIME Workshop on Innovation and the design of financial systems (Paris, 2010)  
 European Summer School on Industrial Dynamics, (Barcelona, 2009)  
 The Zvi Griliches Summer School in the Economics of Innovation (Barcelona, 2009)  
 DRUID (Copenhagen, 2009)  
 IX Encuentros de Economía Aplicada (Salamanca, 2008)  
 DRUID (Aalborg, 2008).  
 IX Encuentros de Economía Aplicada (Jaén, 2006)

SEMINAR  
 PRESENTATIONS      Università Cattolica del Sacro Cuore (Milan, 2023)  
                             Eindhoven University of Technology – TIS group (2020)  
                             University of Torino – Collegio Carlo Alberto (2020)  
                             Max Plank Institute for Innovation and Competition (2019)  
                             UNU-MERIT – Maastricht University (2019)  
                             University of Luxembourg – IP/Innovation workshop (2019)  
                             Universitat de Valencia – Knowledge and Innovation Workshop (2019)  
                             University of Groningen (Groningen, 2019)  
                             Universitat de les Illes Balears (Mallorca, 2019)  
                             Universidad Carlos III de Madrid (Madrid, 2014)  
                             Universitat Autònoma de Barcelona (Barcelona, 2012, 2014)  
                             Universitat de Barcelona (Barcelona, 2011, 2012, 2013, 2018)  
                             Universidad de Valencia (Valencia, 2010)

REFEREEING  
 ACTIVITY              The Economic Journal, Journal of Economics and Management Strategy, Research Policy,  
                             Journal of Industrial, Organization, Journal of International Economics, European  
                             Economic Review, Oxford Bulletin of Economics and Statistics, Journal of Business  
                             Venturing, Small Business Economics, Science and Public Policy, Scientometrics, Journal  
                             of Evolutionary Economics, Industry and Innovation.

SCIENTIFIC  
 COMMITTEE            Conference on Innovation Economics, Searle Center (2015-2019, Chicago)  
                             Conference on E-commerce and Innovation Economics, Searle Center (2015-2018, Chicago)

ORGANIZING  
 COMMITTEE            Searle Center 5<sup>th</sup> Roundtable on Patents and Technology Standards (2017, Chicago)  
                             IEB's 1st Workshop on Urban Economics (2010)  
                             ESSID on Agglomeration, Industries and Innovation (2009)  
                             IEB's Summer School in Public Economics (2008)

TEACHING              Strategy and Innovation Management (MSc in Business and Administration, 2019-2023)  
                             Strategic Management (B.A. in Business and Administration, 2019-2023)  
                             Innovation and Entrepreneurship (MSc in Business and Administration 2021-2023)

THESIS  
SUPERVISIONS

Desire Agassou, “New perspectives on institutional intermediaries and small business in developing countries”. Defense: October 2022

Tristan Thome. “Organizing for digital transformation: a multi-level examination of antecedents” (2022 – Present)

LANGUAGES

English (fluent), Catalan and Spanish (native), French and Dutch (basic)

COMPUTER  
LITERACY

Stata, Latex, Microsoft Office.

REFERENCES

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