

9:30 Registration

9:45 Welcome

ELENA DOMÍNGUEZ, Vicepresident International Affairs, CSIC

GERARD LLOBET, Associate Professor of Economics, CEMFI

CATALINA MARTÍNEZ, Tenured Researcher, Institute of Public Goods and Policies, CSIC

HOW TO PROMOTE INNOVATION

10:00 Keynote I

Intellectual property, innovation, and technology entrepreneurship

STUART GRAHAM, Associate Professor of Strategy and Innovation, Scheller College of Business, Georgia Institute of Technology

10:30 Roundtable I

Moderator: GERARD LLOBET, Associate Professor of Economics, CEMFI

LUIS IGNACIO VICENTE DEL OLMO, Head, Telefónica Patent Office

ELENA HUERGO, Professor of Economics, Universidad Complutense de Madrid

MIGUEL MULET, Director of Strategy and Corporate Development, TiGenix

STUART GRAHAM, Associate Professor of Strategy and Innovation, Scheller College of Business, Georgia Institute of Technology

11:30 Coffee break

FROM SCIENCE TO INNOVATION

12:00 Keynote II

The dual impact of “excellent” research on science and innovation

FREDERIQUE SACHWALD, Director, Science and Technology Observatory, Hcéres, Paris

12:30 Roundtable II

Moderator: CATALINA MARTÍNEZ, Tenured Researcher, Institute of Public Goods and Policies, CSIC

JESÚS MARCO, Vicepresident of Scientific and Technological Research, CSIC

ALBERT BANAL-ESTAÑOL, Associate Professor of Economics, Universitat Pompeu Fabra

PALOMA DOMINGO, Director General, FECYT

FREDERIQUE SACHWALD, Director, Science and Technology Observatory, Hcéres, Paris

13:30 Closing remarks

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Keynote I
Stuart Graham



Professor in the Strategy & Innovation management group at the Scheller College of Business, Georgia Institute of Technology (Atlanta, Georgia, USA). He teaches and conducts research on business strategy and competition, the economics and policy of patent systems, intellectual property strategy, and technology entrepreneurship. He received his PhD from the University of California, Berkeley, and holds other advanced degrees in Law (JD), Business (MBA), and Information Systems (MA). His scholarship has been published in the journal *Science*, the *Journal of Economic Perspectives*, the *Stanford Technology Law Review*, the *MIT-Sloan Management Review*, and *Management Science*. During 2010-2013, Dr. Graham served as the (first) Chief Economist at the United States Patent & Trademark Office (USPTO), where he created and managed a team of professional economists to study the US innovation system and helped steer economic policy.

Keynote II
Frédérique Sachwald



Director of the Science and Technology Observatory of (OST). OST is a department of the French Council for the Evaluation of Research and Higher Education (Hcéres), an independent administrative authority, in charge of evaluating higher education institutions and research. <http://www.hceres.fr>. OST produces scientometric indicators and analyses of research and innovation systems. It contributes to Hcéres evaluations and develops a specific work programme in relation with its Scientific advisory board. OST latest report on the French scientific position in the world is available on Hcéres website.

Previously, Frédérique Sachwald was successively Head of the Department for R&D Development, in charge of the French R&D tax credit, and Deputy Head of the Innovation, Technology Transfer division (SITTAR) in the Ministry of Higher Education and Research. From 1999 to 2006, she had been Head of the Economic studies at the French Institute of International Relations (Ifri). She holds a PhD in economics from the École des Hautes Études en Sciences Sociales, an M. Phil. in economics from in Cambridge University (UK) and graduated from Institut d'Etudes Politiques in Paris.

Luis Ignacio Vicente del Olmo, PhD in Physics, Industrial Engineer, Graduate in Innovation Management, Graduate in Economy of Telecommunications, Master in Analysis and Management of Science and Technology. Graduate in European Communities. Joined Telefonica 29 years ago, working on activities related with Innovation and Industrial Property. Currently, Return on Innovation Manager and Director of the Telefonica Patent Office. His responsibilities include the leadership of Telefonica Patent Office, one of the most relevant patent office “in company” of the “Spanish speaking world”. As University and Business School Professor is teaching matters related to Intellectual Property and innovation management. He is member of international fora related with these matters and vicepresident of LES (Licensing Executives Society) Spain & Portugal.

Elena Huergo, Professor of Economics, Universidad Complutense de Madrid Elena Huergo is Director of the Group for Research in Productivity, Innovation and Competition (GRIPICO) and Associate Professor with Tenure at Universidad Complutense de Madrid. Her fields of interest are firm’s behavior, productivity and economics of innovation, with her most recent research concentrated in the impact assessment of public aid for R&D projects. From 2006-2010, she was advisor at the Centre for the Development of Industrial Technology, and from 2004- 2013 she was member of the group for the development of a firms' innovation panel data base, collected by the Spanish Statistical Office. She has published in journals such as International Journal of Industrial Organization, Research Policy, Oxford Review of Economic Policy, Small Business Economics, Industrial and Corporate Change, Journal of Technology Transfer, Journal of Small Business Management or Technological Forecasting and Social Change.

Miguel Mulet, Director of Strategy and Corporate Development at TiGenix. TiGenix (recently acquired by Takeda Pharmaceuticals, a top 15 pharma multinational) is a leading regenerative medicine company based in Spain and Belgium. Its lead product Alofisel® has been the first allogeneic stem cell product to be commercially approved in Europe. At Tigenix, Miguel has been responsible for leading the innovation strategy of the company, technology licensing and driving key corporate projects to enhance the value of its stem cell platforms. He has also been instrumental in fundraising activities including the listing of the company on Nasdaq and in the negotiation and due diligence process leading to the Takeda acquisition in 2018. Miguel joined TiGenix from the Genetrix Group, a holding of start-up biotech projects where he was managing director of Coretherapix, a cardiovascular regeneration company acquired by TiGenix in 2015. Prior, he was with Janssen Pharmaceutica and co-founded Mirada Solutions, one of Oxford University most successful spin-offs later acquired by Siemens Molecular. Miguel holds a Master’s degree in Electronic Engineering from Imperial College, London and a Doctorate in Bioengineering (Cardiovascular Imaging) from the University of Oxford where he also obtained an MBA from the Said Business School. In parallel, Miguel continues to be involved in different roles as co-founder or advisor to several start-ups in the healthcare space, most recently SomaProbes (an IVD start-up with a novel technology for the detection of infectious agents) and Plant Response (an agro-biotech company which counts with Monsanto as one of its strategic investors).

Gerard Llobet, holds a PhD in Economics by the University of Rochester. He is currently Associate Professor with Tenure at the Centro de Estudios Monetarios y Financieros (CEMFI). Most of his research is related to innovation and the usage of intellectual property rights as a way to compensate innovators. Some of his recent papers have studied the interaction between intellectual property rights and competition policy. He has also worked in other topics in industrial economics as well as on areas related to banking and public finance. His papers are published in outlets such as the Journal of Political Economy, Management Science, the Journal of Marketing Research, the Review of Financial Studies, the Journal of Economics and Management Strategy, or the Journal of Law and Economics.

Jesús Marco, Vicepresident of Scientific and Technological Research, CSIC, Spanish National Research Council. Research Professor at Instituto de Física de Cantabria (IFCA), a joint center CSIC-Universidad de Cantabria. Director of IFCA (2004-2007) and Physics Area Coordinator (2008-2010). Two research lines at IFCA: Experimental Particle Physics, Advanced Computing and e-Science. PhD on experimental particle physics in 1989, he cooperated in the search for the Higgs boson in the DELPHI experiment at the Large Electron Positron Collider (LEP) at CERN up to 2000. Member of the CMS collaboration at the Large Hadron Collider (LHC), he works in the Tier-2 computing center at IFCA and in Data Preservation and Open Access tasks. Promoter of the European Grid Initiative (EGI), he is now involved in the European Open Science Cloud, as coordinator of the new DEEP Hybrid Data Cloud H2020 project, and in the EOSC-Hub stakeholder analysis, next to his current work within the INDIGO project on research requirements. He has coordinated the installation of computing infrastructure at IFCA, including GRID-CSIC resources and the ALTAMIRA supercomputer. He is also involved in the ESFRI Life Watch initiative, leading the Life Watch Competence Center. He works together several companies (CIC, Ecohydros, BSH and ENSA) in different research and innovation projects. Coordinator of a new master of Data Science (UIMP/University of Cantabria/CSIC).

Albert Banal-Estañol is Associate Professor in Economics and Finance at the Universitat Pompeu Fabra, affiliated Professor at City University London and research fellow at the SP-SP Public-Private Sector Research Center at the IESE Business School. Previously, he held teaching and research positions at the University of Western Ontario in Canada, Northwestern University in the US, and the University of Cambridge and the London Business School in the UK. Albert's research interests are in the fields of innovation, corporate finance, competition policy and market regulation, and energy and the environment. His recent research includes papers that analyse the causes and the consequences of academic collaboration with firms in the private sector. His academic articles have been published in leading international peer-reviewed journals such as *Management Science*, *Research Policy* and the *Review of Financial Studies*.

Paloma Domingo, Director General, FECYT, Spanish Foundation for Science and Technology holds a degree in Physics, specialized in the area of Astrophysics, from the University Complutense of Madrid and a PhD in Computer Science from the Polytechnic University of Madrid. Prior to being nominated as Director General of the Spanish Foundation for Science and Technology (FECYT) in 2018, she was Director of the Science Park of Universidad Carlos III in Madrid, where she developed her professional trajectory and gained a broad experience in the area of innovation, technology transfer and entrepreneurship. Before that, she taught at the Computer Science Department of Carlos III University and previously worked at the firm Eritel (Telefonica Group) as Director of the Area of Knowledge Engineering.

Catalina Martínez is Tenured Researcher at the Institute of Public Goods and Policies of the Spanish National Research Council (CSIC-IPP) and deputy director between 2015 and 2018, until she joined the CSIC Vicepresidency of Organisation and Institutional Relations as adviser. She holds a PhD in Economics from Universidad Autónoma of Barcelona and, before joining CSIC, she worked for several years in London and Brussels for an economic consulting firm and at the OECD in Paris. Her research interests and focus of her publications lie primarily in the area of the economics of patents and the links between science and innovation, with a particular attention to empirical studies on patenting strategies. She is member of the board of the European Policy for Intellectual Property Association (EPIP) and the European Forum for Studies of Policies for Research and Innovation (Eu-SPRI Forum).

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Thanks to project PRODECON-CM (S2015/HUM-3491) www.prodecon-cm.com