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FS2S 2025

Cambridge, UK, September 22 - 24, 2025

Workshop From Science To Society

Organized by the **Rafael del Pino Foundation** and the
Asociación de Becarios de Excelencia Rafael del Pino in
collaboration with **Downing College**

DIRECTORS:

Marina Cler
Paula Martín

VENUE:

**Howard Building of Downing
College**
University of Cambridge
Regent St
Cambridge CB2 1DQ



Workshop From Science To Society (FS2S)

Translating Today's Research Into Tomorrow's Solutions

From Science to Society (FS2S) is an in-person scientific workshop co-organised by the Club of Scientists of the Rafael del Pino Alumni Association and the Rafael del Pino Foundation. This seminar is jointly organised within the mission of both institutions to develop the values of leadership and entrepreneurship in Spanish society. In the same vein, FS2S shares the identical objectives of the Club of Scientists:

- Promoting and consolidating a global community of Spanish young scientists with interests in interdisciplinary areas such as technological innovation and the academy-industry connection
- Offering a platform for meeting, discussing, and disseminating current, relevant, global, and transcendent topics for the entire scientific community
- Promoting the innovative technological initiative as a fundamental pillar for the Spanish economy

FS2S was launched for the first time in April 2022. Given the success of this initiative, we are delighted to announce that FS2S has been officially established as an annual workshop in scientific entrepreneurship at Cambridge University. The third edition of FS2S will be held at Downing College (University of Cambridge) from September 22nd to September 24th, 2025.

Congratulations to all FS2S participants on being selected through a highly competitive application process!! As a FS2S attendee, you are also recognized as a member of the Club of Scientists, which currently comprises more than 1k young Spanish scientists scattered throughout the best institutions and universities on the globe and specialised in all different areas of scientific knowledge.

We wish you the best as you embark upon an opportunity of a lifetime: discussing and first-hand experiencing the atmosphere of research at Cambridge University. During four days, you will discuss different ways of transferring scientific knowledge to society. Throughout the workshop, researchers at the University of Cambridge who are also scientific entrepreneurs, work on projects together with industrial/pharmaceutical companies or help transform politics using science will accompany us and give us their advice and experiences.

We really hope that you enjoy the workshop and make the most of the interaction opportunities provided with the speakers and other FS2S colleagues whilst reflecting on the change, action, and impact you wish to bring throughout your own careers.

Looking forward to meeting you all next September!

Agenda

Monday September 22, 2025

Downing College, Cambridge, CB2 1DQP

- 12:00 *Arrival and check-in at Porters Lodge*
- 12:30 Lunch at Downing College Hall
- 14:30 Gathering together
- 15:00 *Welcome and Introductory Remarks at Howard Theatre*
María del Pino, President of the Rafael del Pino Foundation, **Marina Cler** and **Paula Martín**, Directors of the Workshop
- 16:00 FS2S Session 1: **Kai Stoeber**, External Innovation Lead for Johnson & Johnson's World Without Disease Accelerator and Lung Cancer Initiative
Johnson and Johnson
- 17:00 FS2S Session 2: **Sara Rodrigues**, Senior Research Manager
Alzheimer Research UK
- 18:00 Free time
- 20:00 *Dinner (optional)*

Tuesday September 23, 2025

Downing College, Cambridge, CB2 1DQP

- 08:00 Breakfast at Downing College Hall
- 09:00 FS2S Session 3: **Camille Terfve**, associate patent attorney at Mewburn Ellis and PhD graduate from University of Cambridge
Patent regulation and IP
- 10:00 Coffee Break / Networking
- 10:30 FS2S Session 4: **Florian Markowetz**, Director and co-founder, Tailor Bio, and Group Leader, the Markowetz group, Cancer Research UK Cambridge Institute
Tailor Bio: improving the lives of patients by making precision medicine a reality
- 11:30 FS2S Session 5: **Ruben Drews**, Genomic Data Scientist, GSK
GSK
- 12:30 Lunch at Downing College Hall
- 14:30 Coffee Break and Group Photo
- 15:00 FS2S Session 6: **Cheryl Smythe**, Head of Scientific Engagement, Altos Lab
Altos Labs

- 16:00 FS2S Session 7: **Mario de Miguel Ramos**, postdoc researcher, University of Cambridge, and CTO of Sorex Sensors
Sorex Sensors: high sensitive sensors transforming industrial products
- 17:00 Free afternoon
- 19:30 **Grand Formal Dinner**
Location: St Catherine's College (Trumpington St, Cambridge CB2 1RL)

Wednesday September 24, 2025

Downing College, Cambridge, CB2 1DQP

- 07:30 **Check-out at Porters Lodge**
- 08:00 Breakfast at Downing College Hall
- 09:00 FS2S Session 8: **Dimitris Vitsios**
Quotient Therapeutics
- 10:00 FS2S Session 9: **Agata Nyga**, Founder
SynLaia Innovationsd,
- 11:00 Coffee Break
- 11:30 Guest speaker: **Anna Fumarola**
Connects UK
- 12:00 **Discussion & closing remarks**
Guest speaker: **José María Robles Fraga**, Minister-Councillor for Cultural and Scientific Affairs, Spanish Embassy in the UK
- 12:30 Lunch at Downing College Hall

SPEAKERS



Mario de Miguel Ramos

Mario is a MEng in Telecommunications and PhD in Electronic Engineering Systems by the Universidad Politécnica de Madrid (UPM). His main field of study is the design, simulation, fabrication, and characterization of piezoelectric sensors based on ZnO and AlN acoustic wave resonators for in liquid and gas sensing applications. He has published 19 scientific papers and presented more than 30 contributions and invited talks at international conferences.

Mario is co-founder and member of the Advisory Board of Sorex Sensors Ltd., a spin out from the University of Cambridge developing highly sensitive gas sensors. He is also College Research Associate and supervisor of Sidney Sussex College, and project manager of UKTIN, the innovation network for the UK telecoms sector that brings together industry, academics, and government to catalyse telecoms R&D investment, cooperation, and commercialisation.



Ruben Drews

Ruben is a successful cancer scientist and science communicator. Over the last decade, he has worked in computational cancer biology at multiple universities, e.g. the DKFZ in Heidelberg (DE), Universitat Pompeu Fabra (ES), the Cancer Research UK Cambridge Institute in Cambridge (UK) and since last summer in industry at GlaxoSmithKline.

His focus is on genomic alterations, specifically chromosomal instability and their influence in cancer initiation and development. Since his first co-authorship in 2012 he has supported the Liver Cancer Evolution and the PanCancer Analysis of Whole Genomes consortia as well as spearheading his own research project that got published in Nature last year. His work led to a patent application and the successful development of a startup. Next to his research, he has been working with the Cancer Research UK as a science communicator to promote cancer.



Florian Markowetz

Florian is Professor of Computational Oncology at the University of Cambridge and Senior Group Leader at the Cancer Research UK Cambridge Institute. He is a Royal Society Wolfson Research Merit Award holder and received a CRUK Future Leader in Cancer Research prize.

He holds degrees in Mathematics (Dipl. math.) and Philosophy (M.A.) from the University of Heidelberg and a Dr. rer. nat. (PhD equivalent) in Computational Biology from Free University Berlin, for which he was awarded an Otto-Hahn Medal by the Max Planck Society.



Agata Nyga

Agata is an accomplished professional with extensive experience in biomedical research and entrepreneurial ventures. As the Founder of SynLaia Innovations since January 2025, Agata drives innovation within the industry. Concurrently, Agata serves as an Advisor at Migration Biotherapeutics Limited and as an Expert Reviewer for the European Commission, focusing on EU funding applications and project evaluations. Previous roles include Head of Research and Development at StemBond Technologies, leading research in cell therapy and regenerative medicine, and Investigator Scientist at the MRC Laboratory of Molecular Biology, specializing in cancer biomechanics. Agata holds a Ph.D. in Clinical Medicine Research from Imperial College London and recently completed the EnterpriseTECH program at Cambridge Judge Entrepreneurship Centre.



Cheryl Smythe

After falling in love with biochemistry at school, Cheryl studied it at Trinity College in Dublin, then went on to do her PhD at the University of Cambridge. Following a post-doc at Imperial College London, she worked in research management at Babraham Institute developing collaborations, supporting grant applications, contributing to policy development for science, and leading the equality, diversity and inclusion team. Cheryl now works at Altos Labs, a new biotech that aims to bring the best of academia together with the best of industry in the pursuit

of reversing disease through reprogramming cells and tissues. Come and talk to her about... developing strategic partnerships and collaborations, policy for science, the myth of meritocracy, making great environments for doing great science and must see Netflix series, the joys and challenges of rescue dogs, single malt whiskeys and pantomime.



Kai Stoeber

Kai is the External Innovation Lead for Johnson & Johnson's World Without Disease Accelerator and Lung Cancer Initiative. In this role he is responsible

for identifying and evaluating external opportunities, in partnership with the Johnson & Johnson Global External Innovation network, to accelerate the development of an innovative portfolio of projects, assets and solutions in support of disease prevention, interception and cure.

Prior to joining Johnson & Johnson Innovation, he was Vice President for Global Innovation at the Japanese pharmaceutical company Shionogi. In academia he had successful tenures at the University of Cambridge and University College London where his research focused on cell-cycle control of chromosomal replication and cell division. He identified new drug targets and cancer biomarkers commercially developed by start-up and biopharmaceutical companies.



Camille Terfve

Camille is a patent attorney (partner, Mewburn Ellis, Cambridge), a bioengineer (U. of Brussels) and computational biologist (U. of Cambridge), with a PhD in bioinformatics

(EMBL-EBI) focussed on unsupervised learning approaches to reconstruct signalling networks in diseased cells. Her practice focusses on data driven approaches in pharma and biotech. She has extensive experience dealing with the use of computational biology, bioinformatics and AI for medical and biological data analysis, from drug discovery to diagnostics. She advises clients of all size on patentability, IP strategy, opposition, drafting and prosecution in this specific field, often acting as the resident expert on the topic for her larger clients.



Dimitrios Vitsios

Dimitrios is Head of AI at Quotient Therapeutics (a Flagship Pioneering company), where he leads the company-wide AI strategy for end-to-end drug discovery. He and his team build

and deploy advanced machine learning and generative models, from graph neural networks to large language models and agentic AI workflows, tightly integrated with Quotient's somatic-genomics platform to accelerate target identification and therapeutic discovery.

Previously, Dimitrios was Director of Data Science & Genomics at AstraZeneca, where he led a 12-person team at the Centre for Genomics Research. His work there spanned AI methods for genomics, population-scale multi-omics pipelines, and phenome-wide disease gene discovery, leading to multiple high-impact publications (Nature, Nature Genetics, Science Advances, AJHG). His research has been recognised with several awards, including the AstraZeneca CEO Award in 2024 and the Pharma Industry Awards UK 2025.

Dimitrios holds a PhD in Computational Biology from the University of Cambridge and EMBL-EBI, where he developed novel AI methods for functional genomics and small RNA biology. His research interests span deep learning, generative models, genomics, and AI-driven drug discovery.

GUEST SPEAKERS



Anna Fumarola

Anna is Project Manager of the EU-funded project CONNECTS-UK, aimed at fostering scientific collaborations between the EU and the UK, led by the community of EU researchers working in the UK. Previously, as Director of Communication of HISPASAT (Madrid) an aero-space operator, Anna Fumarola was in charge, among others, of the coordination of the different scientific cooperation programs of the R&I department with other national and international research centres within EU policy framework. Later on, as External Relations Advisor and Program Officer for UNAIDS (Joint United Nations Programme on HIV/AIDS) and UN Women in Pakistan, she was specially involved with policy and advocacy for the UN women, peace, and security (WPS) agenda.

Once back in Spain, Anna Fumarola joined the Woman for Africa Foundation as Senior Project Manager, where she passed from policy to practice and implementation with several activities of capacity-building in conflict-resolution in Mali for local women. She set-up and led two major post-doctoral programmes targeting African women researchers while implementing science diplomacy with a strong gender lens with the embassies of Spain in Senegal, the United Kingdom, South Africa, Mozambique, Nigeria and Morocco. Anna Fumarola has consulted in gender policy for several projects and programs of both private, public and international organizations, such as Casa Asia and Council Foundation Spain-India, about design and implementation of gender programs consistent with the objectives of state actors (such as the Spanish Ministry of Foreign Affairs) and the social corporate responsibility policies of the trustees.



José María Robles Fraga

José María is a career diplomat. He has an intense professional career in both the public and private sectors. He has been Spanish Ambassador three times: in Moscow, Islamabad and Vilnius. In 2018 he returned to the diplomatic career and was appointed ambassador to Vilnius. Upon completion of his mission in Lithuania, on 7 September 2022, he joined the Spanish Embassy in London as Minister Counsellor for Cultural and Scientific Affairs. The promotion and presence of vibrant Spanish culture and science in the post-Brexit scenario is now his main occupation.

José María Robles Fraga has a degree in Law from the Complutense University of Madrid and joined the Spanish diplomatic service in 1982. As a career diplomat he has lived in Honduras, Paris, Russia, Pakistan and Lithuania and is currently stationed in the United Kingdom.

He is a member of the Advisory Board of the magazine *Política Exterior* and of the European Council of Foreign Relations (ECFR). He has also held positions of political responsibility and has worked in the private sector, during his time as Director of Institutional Relations and Protocol at Banco Santander.

ORGANIZERS



Marina Cler

Marina is a Ph.D. Biomedical Engineer. She holds a B.Sc. in Biomedical Engineering (Universidad Carlos III Madrid) and a M.Sc. in Bioinformatics and Big Data (KTH Royal Institute of Technology, Karolinska Institutet, and Stockholm University). During her undergraduate and postgraduate studies, Marina performed research in internationally recognized institutions such as the Wyss Institute for Biologically Inspired Engineering (Harvard Medical School), SciLifeLab (Karolinska Institutet), Centro Nacional de Investigaciones Oncológicas (CNIO), or the Krasnow Institute of Advanced Study (George Mason University), among others.

She completed her Ph.D. studies in Biomedical Engineering at the Institute for Bioengineering of Catalonia as a “La Caixa” Fellow. Her research focused on developing therapies to promote in situ cardiac regeneration to alleviate the aftermaths of myocardial infarction. She was also a visiting scholar at Imperial College London and Vall d’Hebron Research Institute (VHIR). Marina is a member of the Rafael del Pino Alumni Board as well as the co-President of its Club of Scientists.



Paula Martin-Gonzalez

Paula is a Computational Biologist using AI to understand biology at Altos Labs. She holds a PhD from the University of Cambridge where her work focused on developing predictive models for cancer using medical image analysis. As part of her PhD, she was a visiting researcher at the Alan Turing Institute as well as performed a Data Science industry placement at AstraZeneca.

She received the STEM for Britain award run by the House of Commons Parliamentary Scientific Committee, recognising the impact of her research on predictive modelling applied to healthcare. She is also part of the Board of Directors at the Rafael del Pino Alumni Association as well as the co-President of its Club of Scientists.

RAFAEL DEL PINO FOUNDATION



María del Pino

María is the President of the Rafael del Pino Foundation is also at present Member of the Board of Directors and of the Executive Committee from Ferrovial Group and Member of the Board of Trustees from Fundación Princesa de Asturias. She holds a degree in Economics from the Universidad Complutense de Madrid and PDDA Business Management IESE. Business School University of Navarra.



Ana M.ª Cebrián del Pino

Ana is the Vice-President of the Rafael del Pino Foundation. She holds a degree in Business Administration and Management (Comillas Pontifical University). She furthered her studies at Northeastern University (Boston); she obtained an MBA from McGill University-Desautels Faculty of Management. She has been the Director of the Online Business Channel at El Ganso S.A.; previously, she has worked as a Foreign Trade Technician at the Economic and Commercial Office of the Spanish Embassy in Warsaw, as an analyst in the Private Equity Department at Pactio Gestión Asset Management, and as a Senior Research Analyst at Brandywine Global.



Vicente J. Montes Gan

Vicente is the Director (CEO) of the Rafael del Pino Foundation, Vicepresident of the Spanish Association of Foundations, member of the Board of Trustees of the NGO AHA Flying Doctors, and member of the Editorial Board of *Información Comercial Española*. Previous positions include: Vicepresident of the UN Global Compact-Spain; President of the Spanish State Economists & Trade Specialist Association (ATCEE); Economic and Commercial Counsellor at the Embassy of Spain in Angola, Namibia, Congo, DR Congo, Sao Tome and Principe and Zambia; Director at ICEX; Deputy Director General of the Spanish Court of Competition; and Founder and President of the NGO *Liberdom*. He has also been Professor of Economic Analysis (UCIII) and Chairman of the Department of Economics of the *Ateneo de Madrid*. He is TCEE & holds a Bachelor in Economics (UAM), a Doctorate of Philosophy in Law (UCM), & is Member of the European Academy of Sciences and Arts in Salzburg, Officer of the Royal Order of Isabel La Católica, Medal of Merit of the Civil Guard & of the ATCEE, *Leao de Oro* of the Republic of Angola (AIA) & I Essay Prize *Casa África*.



Carlota Taboada

Carlota is Director of the Research and Online Programmes Department at the Rafael del Pino Foundation. She is a collaborative and committed facilitator who focuses on equitable leadership and empowering change. As a driver of change and innovative methodologies, she is responsible for developing and piloting face-to-face and virtual seminars, courses, and programmes that engage audiences in meaningful experiences around the institution. Previously, she worked as a cultural manager at the *Casa del Lector-Germán Sánchez Ruipérez Foundation*, where she played a key role in disseminating the institution's philosophy, demonstrating a strong commitment to collaboration and impact. Prior to this, she worked at the *Instituto Cervantes* and the *University of Mumbai (India)*. Throughout her career, she has held various responsible positions in cultural management. She has a BA in English from the *University of Santiago de Compostela*, an MPhil in Cultural Studies from *Carlos III University of Madrid*, and an MPhil in Modern Languages and Educational Research from the *University of Murcia*.

FS2S PROGRAMME LOGISTICS

FS2S venue

From Science to Society 2025 workshop is held at the Howard Building of Downing College (see map on page 24), University of Cambridge (Regent St, Cambridge CB2 1DQ, United Kingdom). All sessions will be taking place here.

FS2S participants will be accommodated in superior single rooms at Downing College.

Directions to Cambridge

The City of Cambridge is located in the East of England, 50 miles north of London. It is well served by road and rail links and is within easy distance of the major London airports.

EU flights

London Stansted Airport is just 30 miles from Cambridge. An hourly 35 min direct train service runs from Stansted to the City. We recommend using London Stansted Airport.

London Gatwick is about 75 miles from Cambridge. You can travel from Gatwick Airport to Cambridge by train. The fastest trains take around 2 hours.

Luton Airport is about 40 miles from Cambridge. There is no direct connection between Luton Airport and Cambridge. You can take a train from London Luton Airport (LTN) to Cambridge via Luton Station Interchange station. The whole journey takes about 2.5 hours.

It is also possible to fly directly into Cambridge by using Cambridge International Airport. However, a very limited number of flights are available to and from Cambridge International Airport.

Intercontinental flights

London Heathrow Airport is situated 2h from Cambridge. It is possible to take a train into London King's Cross and then take another train to Cambridge.

Train

There are regular services to Cambridge from London King's Cross and London Liverpool Street stations. The fastest trains leave from London King's Cross every half an hour and take 50 min.

Car

Cambridge is an hour's ride from London, depending on traffic. Please do note that the centre of Cambridge is mostly free of private cars, especially around the conference venue. Parking at the FS2S venue is not available.

FS2S registration

Registration of participants will take place from 9:00 am to 5:30 pm on 22nd September at the Porter's Lodge of Downing College (see map on page 25). Rooms will be accessible from 14.00 pm on the day of arrival. The university staff will store your luggage if arriving before the room check-in time.

The first activity (Introductory session) is scheduled at 13:30 pm on that day, so we encourage all participants to arrive on time to participate in it. We kindly ask you to send us your estimated arrival time and inform us in advance if you need to register outside the proposed hours.

Grand Gala Dinner

All attendees of FS2S are invited to a Grand Formal Dinner at the Senior Combination Room of St Catharine's College, located on Queens' Ln, Cambridge CB2 1RL, a short 15-minute walk from Downing College (see map).

19:30 – 20:00: Drinks reception starts

20:00 – 22:00: Three-course formal dinner at the Senior Combination Room of St Catharine's College

Dress code: business wear

Meeting point: 19:15 pm, St Catharine's College, Cambridge CB2 1RL

Catering

We are delighted to offer full coverage of all meals, snacks, and refreshment throughout the conference daily sessions taking place from the 22nd to the 24th of September. This excludes dinner on the 22nd of September. On the Grand Formal Gala Dinner (23rd of September) we will provide a full warm dinner to all participants. Therefore, we kindly ask you to share with us any food restrictions/allergies that you may have. Please note that we can only offer special menus to those who inform us in advance to arrange it.

Dress code

For your stay at Cambridge University, we suggest you use smart casual wear. Comfortable shoes are especially advisable on the second day because the team building activity requires a bit of movement. For the social activities there is not pre-set dress code. Business formal attire is required for the Grand Formal Dinner taking place on Tuesday 23rd September.

Photography and video privacy notice

Please be aware that attendance to this workshop confirms acceptance of this privacy notice: the organisation will be capturing the images of attendees and speakers at its events with photographic and video recording devices to be used for exclusive purposes of the organisation, including being used for marketing, the organisation’s websites, social media, or historical records of the society and may be shown to the public at large.

The organisation respects the privacy of individuals and their rights to their personal information. The organisation will remove any photos upon written request by individuals who object to the use of the image where they are recognizable within the image. Please email ctaboada@frdelpino.es if you have any questions about your data protection.

Getting around

Downing College’s Map





WORKSHOP FROM SCIENCE TO SOCIETY



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