



# From Science to Society

Translating today's research into  
tomorrow's solutions

Downing College, University of Cambridge  
22<sup>nd</sup> – 25<sup>th</sup> of September 2024

## Academic Directors:

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Marina Martínez Hernández

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Becarios de Excelencia  
Rafael del Pino



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## 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 22<sup>nd</sup> to September 25<sup>th</sup>, 2024.

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

### 22<sup>nd</sup> of September

09:00 – 17:30     *Arrival and check in*

17:30 – 18:30     **Introductory activity**

Networking and mingle to get to know all participants

Location: The Cambridge Brew House (1 King St, Cambridge CB1 1LH)

18:30 – 22:30     **Dinner and social**

Location: The Cambridge Brew House (1 King St, Cambridge CB1 1LH)



## AGENDA

### 23<sup>rd</sup> of September

8:00 – 9:00      *Breakfast*

09:00 – 9:30      **Opening session**

09:30 – 10:00      *Coffee break*

#### ***Working package 1: Academy – Industry Permeability***

10:00 – 11:00      **Johnson and Johnson**

Kai Stoeber, External Innovation Lead for Johnson & Johnson's World Without Disease Accelerator and Lung Cancer Initiative

11:00 – 12:00      **Altos Labs**

Cheryl Smythe, Head of Scientific Engagement at Altos Lab

12:00 – 13:00      *Lunch*

13:00 – 14:00      **StemBond Technologies: advanced materials for cell and tissue culture**

Agata Nyga, former Head of Research & Development at StemBond, former postdoc researcher at University of Cambridge and founder of a deep-tech startup

14:00 – 15:00      **Keynote speaker: patenting regulation & IP**

Camille Terfve, associate patent attorney at Mewburn Ellis and PhD graduate from University of Cambridge

15:00 – 15:30      *Coffee break*

15:30 – 16:30      **AstraZeneca**

Luis García Gancedo, Senior Director Portfolio Digital Health Strategy (Oncology) at AstraZeneca

17:00 – 18:00      Team building activity: introduction to salsa!

18:00 – 19:30      *Free time*

19:30– 22:00      **Dinner and social**

Location: La Raza (4-6 Rose Cres, Cambridge CB2 3LL)



## AGENDA

### 24<sup>th</sup> of September

- |   |   |
|---|---|
| 8:00 – 8:30   | <i>Breakfast</i>  |
| 8:30 – 9:00   | <b>Guest speaker</b><br>Miguel López-Valverde, Digitalisation Councillor of the Community of Madrid   |
| 09:00 – 10:00                                       | <b>AstraZeneca</b><br>Dimitrios Vitsios, Director of Data Science & Genomics at AstraZeneca   |
| <b><i>Working package 2: Deep Tech Startups</i></b> |   |
| 10:00 – 10:30                                       | <i>Coffee break</i>   |
| 10:30 – 11:30                                       | <b>Tailor Bio: improving the lives of patients by making precision medicine a reality</b><br>Prof. Florian Markowetz, Director and co-founder of Tailor Bio and Group Leader at the Markowetz group, Cancer Research UK Cambridge Institute |
| 11:30 – 12:30                                       | <b>GSK</b><br>Ruben Drews, Genomic Data Scientist at GSK  |
| 12:30 – 13:30                                       | <i>Lunch</i>  |
| 13:30 – 14:30                                       | <b>52North Health</b><br>Mireia Crispin, Chief Digital Officer at 52North Health, Assistant Professor at Cambridge University and Group Leader at Crispin Lab for Computational Cancer  |
| 14:30 – 15:30                                       | <b>CYTED: transforming lives through early detection</b><br>Marcel Gehrung, CEO and founder of CYTED and PhD graduate from University of Cambridge  |
| 15:30 – 16:00                                       | <i>Coffee break</i>   |
| 16:00 – 17:00                                       | <b>Agata Communications: making complicated things easy</b><br>Fernando Gomollón Bel, co-founder of Agata Communications  |
| 17:00 – 19:30                                       | <i>Free time</i>  |
| 19:30 – 22:00                                       | <b>Grand Formal Dinner</b><br>Location: St Catherine's College (Trumpington St, Cambridge CB2 1RL)  |



## AGENDA

### 25<sup>th</sup> of September

8:00 – 9:00      *Breakfast*

9:00 – 10:00      **Sorex Sensors: high sensitive sensors transforming industrial products**  
Mario de Miguel Ramos, postdoc researcher at University of Cambridge  
and CTO of Sorex Sensors

#### *Working package 3: Science Policy, Management and Communication*

10:00 – 11:00      **Diego Rodríguez Mejías**  
Quantum Policy Team Lead, UK Department for Science Innovation and  
Technology

11:00 – 12:00      **Sara Rodrigues**  
Senior Research Manager at Alzheimer Research UK

12:00 – 13:00      *Lunch*

13:00 – 14:00      **Javier García Martínez**  
Rafael del Pino Chair and Director of the Molecular Nanotechnology  
Laboratory at the University of Alicante

14:00 – 14:30      **Discussion & closing remarks**  
Guest speaker: José María Robles Fraga, Minister-Councillor for Cultural  
and Scientific Affairs at the Spanish Embassy in the UK

14:30 – 15:00      *Coffee break*

15:30 – 16:30      **Optional: tour in Cambridge**

15:00                **Check out and departure**

## FS2S PROGRAMME AT A GLANCE

Deep Tech Startups
Academy<>Industry
Science Policy, Management, and Communication
Institutional

8:00	Arrival and check-in	Breakfast	Breakfast	Breakfast
9:00		Opening session	Guest talk: Miguel López-Valverde	Talk 1: Mario de Miguel Ramos, Sorex Sensors
10:00		Coffee Break		Talk 2: Diego Rodriguez, UK Department for Science Innovation and Technology
11:00		Talk 1: Kai Stoeber, Johnson & Johnson	Coffee Break	Talk 3: Sara Rodriguez, Alzheimer Research UK
12:00		Talk 2: Cheryl Smythe, Altos Labs	Talk 2: Florian Markowetz, Tailor Bio	Lunch
13:00		Lunch	Talk 3: Ruben Drews, GSK	Talk 4: Javier García Martínez, Rafael del Pino Chair
14:00		Talk 3: Agata Nyga, StemBond Technologies	Lunch	Discussion and closing remarks
15:00		Talk 4: Camille Terfve, Patenting and IP	Talk 4: Mireia Crispin, 52North Health	Guest talk: José María Robles Fraga
16:00		Coffee Break	Talk 5: Marcel Gehrung, CYTED	Coffee Break
17:00		Talk 5: Luis García Gancedo, AstraZeneca	Coffee Break	Optional: Tour in Cambridge
18:00	Introductory activity	Team building activity: Introduction to salsa	Talk 6: Fernando Gomollón Bel, Agata Communications	Check-out and departure
19:00	Networking Activity #1: Cambridge Brew House	Free time	Free time	
20:00		Networking Activity #2: Dinner at La Raza	Grand Formal Dinner (Sydney Sussex College)	
21:00				
22:00				
23:00				

## SPEAKERS

### 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.



### 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.



## Agata Nyga

Dr Agata Nyga is an experimentalist, innovator, and entrepreneur with over 15 years of scientific research experience. She expertly combines innovative bioengineering tools with



computational analysis, making her a leading expert in developing advanced disease models. Over the past 18 months, she has led the R&D department at StemBond Technologies and is currently in the process of founding a biotech company. Agata is also passionate about policy and scientific diplomacy, spearheading research and policy initiatives at the Polonium Foundation.

## Luis Garcia-Gancedo

Luis Garcia-Gancedo is a Senior Director and Head of the Oncology Portfolio Digital Health Strategy at Evinova, an AstraZeneca HealthTech business to accelerate innovation across the life sciences sector, the delivery of clinical trials and better health outcomes. In this role, Luis oversees the development of digital health strategies to drive improvements in trial efficiency, making AZ's oncology trials faster, cheaper, more patient-centric and with lower carbon emissions.

Prior to AstraZeneca, Luis spent 9 years at GSK, where he held a variety of roles in the digital health space – most recently he set up and led the “digital biomarkers” team, which enabled the development of novel measures of disease progression across all GSK therapeutic areas. Before GSK, he was a post-doctoral researcher at the Department of Engineering at the University of Cambridge, and a College Lecturer & Director of Studies at Newnham College.

Luis holds a BSc in Physics from the University of Oviedo (Spain), a PhD in Electronic Engineering from the University of Brighton (UK) and an Executive MBA from the University of Cambridge (UK).



### 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 Vitsios is the Director of Data Science at the Centre for Genomics Research, AstraZeneca (Cambridge, UK). He joined AstraZeneca in 2018, specialising in Machine Learning methods for genomics research. Prior to joining AstraZeneca, he completed his PhD in Computational Biology at the University of Cambridge and the EMBL-EBI, focusing on AI methods development for functional genomics and the study of non-coding RNAs.

He's currently leading a multi-disciplinary team of data scientists, researchers and software engineers focusing on machine learning/deep learning methods development for target



identification and validation in the coding and non-coding parts of the human genome. His research interests span across the areas of deep learning, natural language processing, population genetics and multi-omics.

## Florian Markowetz

Florian Markowetz 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.



## Ruben Drews



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 research in over 15 events to date with audiences ranging from 5 to over 90 years of age.

### Mireia Crispin

Dr Mireia Crispin is an Assistant Professor in the Department of Oncology of the University of Cambridge, where she focuses on the development of data integration models to understand response to cancer therapies. She is also the Chief Digital Officer of 52North Health, a biotech start-up developing affordable at-home tests for cancer patients. She previously worked at Memorial Sloan Kettering Cancer Center in New York, and was the Director of the Healthcare Innovation programme of the Center for the Governance of Change at IE University (Madrid, Spain), focusing on policy challenges for the integration of AI and digital health in European healthcare.



Mireia holds a PhD in Particle Physics from the University of Oxford, where she worked on data analysis methods for the search for dark matter at the Large Hadron Collider at CERN. She is an author in over 400 publications and has received numerous national and international awards for the academic, entrepreneurial and outreach aspects of her work.

### Marcel Gehrung

Marcel Gehrung received his doctorate in Cambridge. He is the cofounder and CEO of Cyted Ltd, a company that uses artificial intelligence to find biomarkers that detect cancer and other diseases early. They have raised more than \$11 million in capital from grants and venture capital and have 30 full-time employees.



Marcel made it into the Forbes '30 Under 30' list when he was just 29 years old. He is among the top 30 most successful science and healthcare founders under the age of 30. With his company "Cyted", Gehrung has developed a method to use artificial intelligence (AI) to detect cancer and other diseases at an early stage. The diagnostic method is primarily used to detect Barrett's esophagus, an early form of esophageal cancer. His company is based in Cambridge and employs 60 people. His company's diagnosis has already helped thousands of patients. Since 2020, CEO Marcel Gehrung has already raised 50 million euros in capital with his company.



### Fernando Gomollón Bel

Fernando is a PhD in chemistry and a science communicator based in Cambridge, UK. In 2022 he co-founded Agata Communications, a start-up focused on delivering science and innovation to the right audiences. Currently, the company is a partner in different Horizon Europe grants funded with over €15 million in total.

Specialised in science writing and storytelling, he's also collaborated with popular science magazines such as Chemistry World, Principia, and C&EN, as well as several media platforms (newspapers, radio and TV) in Spain. Before Agata, he worked in science writing, science communications and public relations, first as an intern at the Royal Society of Chemistry, then as the Press Coordinator at the Institute of Chemical Research of Catalonia (ICIQ), one of the most prestigious chemistry research centres in Europe. After that, he moved to the University of Cambridge to work as the deputy Communications Leader at the Graphene Flagship, one of the largest research projects ever funded by the European Commission with €1 billion over the course of ten years.



### 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.

### Diego Rodríguez Mejías

Diego is a Policy Lead at the UK Office for Quantum, a team in the Department for Science, Innovation and Technology responsible for implementing the UK's National Quantum Strategy. There he leads the Government's work on quantum regulation, standards and multilateral engagement, representing the UK in forums such as the UN, OECD, WEF and NATO. Before this, he held multiple science and tech policy roles at the Regulatory Horizons Council, the Government Office for Science and at the GSMA, the international association of the telecommunications industry. Diego has a masters in Technology Policy from the University of Cambridge with the support of a scholarship from la Fundación Rafael del Pino and a bachelors in Physics and Philosophy from King's College London.



### Sara Rodrigues

Sara is a Senior Research Manager at Alzheimer's Research UK (ARUK), where she leads the delivery of major strategic initiatives and supports the development of the team's strategy. One of her key responsibilities is overseeing the Drug Discovery Alliance (DDA), a multi-million-pound initiative aimed at accelerating the discovery of new treatments for dementia. This ambitious project unites three drug discovery institutes at Cambridge, UCL, and Oxford to bridge the gap between academic research and industry.



Before joining ARUK, Sara worked as a Consultant in Healthcare and Innovation at Alcimed, in Germany, where she supported pharmaceutical companies, biotech firms, and startups on a variety of projects within the healthcare sector.

Sara completed her PhD at the German Centre for Neurodegenerative Diseases in Germany, as part of a European Training Network funded by Marie Skłodowska-Curie Actions. Her research focused on studying the propagation of tau pathology in Alzheimer's disease.

### Javier García Martínez



Rafael del Pino Professor of Science and Society. Professor of Inorganic Chemistry and Director of the Molecular Nanotechnology Lab. President of the International Union of Pure and Applied Chemistry (IUPAC) from 2022-23.

Member of the World Economic Forum. Since 2012, Prof García-Martínez has contributed to the identification of the World Economic Forum's Top Ten Emerging Technologies and its annual report, which is presented to government and global business leaders in Davos.

His contributions to nanotechnology have unlocked the potential of heterogeneous catalysts for the conversion of bulky molecules by introducing controlled intracrystalline mesopositivity. This technology is now widely used in academic laboratories and chemical companies around the world, saving hundreds of thousands of tonnes of CO<sub>2</sub> per year by reducing the amount of waste and coke that would otherwise be burned to produce green gas emissions in key industrial processes ranging from biomass conversion to catalytic cracking. He is also a renowned entrepreneur. As founder of Rive Technology, the company that commercialises his catalysts, he started, grew and recently sold this business to Grace, the largest catalyst manufacturer.

His contributions to catalysis, energy and chemistry have been recognised with some of the most prestigious awards, including 1) Young Global Leader, 2009 - World Economic Forum, 2) Innovator of the Year, 2007 - MIT, 3) Member of the Round Table of Top Entrepreneurs, 2008 - European Commission, 4) Emerging Researcher Award, 2015 and Kathryn C. Hach Award for Entrepreneurial Success, 2018 - American Chemical Society, 5) Premio Rey Jaime I, 2014, 6) Honorary Fellow of the Royal Society of Chemistry, 2024 and Fellow of the American Chemical Society, 2021, and the International Science Council 2023, and 7) Member of the Council of Emerging Technologies - World Economic Forum, 8) National Research Award, 2023.

### José María Robles Fraga

José María Robles Fraga 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.



### Miguel López-Valverde Argüeso



Born in Bilbao in 1972, Miguel López-Valverde Argüeso holds a Master's degree in Telecommunications Engineering from the Polytechnic University of Madrid, specialising in Transmission and Communication. He also completed the Executive Development Programme at IESE Business School. Throughout his career, he has held various positions in the field of Information Technology, with more than 10 years dedicated to the healthcare and research sectors.

By 2018, as Director of Healthcare for Madrid and Castilla-La Mancha at IECISA, he led the SESCAM (Servicio de Salud de Castilla-La Mancha) Medical Imaging Project (Ykonos VII). In 2021, at INETUM (IECISA-GFI), he took on the management of transformational projects and initiatives for the Quirón Salud Group and Quirón Prevención.

In the previous legislative term, Miguel served as Director-General of Information Systems and Digital Health at the Community of Madrid's Department of Health, where he spearheaded the most ambitious digitalisation process in the Madrid healthcare system. His efforts included the launch of the Madrid Centre for Genomic Analysis, the development of virtual health card services, and the integration of artificial intelligence in areas such as disease prevention and early detection systems, as well as the efficient use of medications. In June 2023, he was appointed Councillor for Digitalisation for the Comunidad de Madrid.



## FS2S PARTICIPANTS

Name	University / Research Center	Position
Júlia Alcàcer Almansa	Institute for Bioengineering of Catalonia	Predoctoral Researcher
María Artiguess Lleixà	Universitat Pompeu Fabra	Predoctoral Researcher
Santiago Barber	Spanish National Cancer Research Centre (CNIO)	Predoctoral Researcher
Héctor Caballero Gonzalez	University of Bologna - Cellply	Predoctoral Researcher
Alonso José Campos Hernández	IMDEA Nanociencia	Predoctoral Researcher
Blas Chaves Urbano	Spanish National Cancer Research Centre (CNIO)	Predoctoral Researcher
Marta Contreras Alcalde	Spanish National Cancer Research Centre (CNIO)	Lab Manager
Isabel Espejo Díaz	Centro Nacional de Investigaciones Oncologicas	Postdoctoral Researcher
Cristina Guardia Valenzuela	Instituto contra la Leucemia Josep Carreras	Postdoctoral Researcher
Amparo Güemes González	University of Cambridge	Postdoctoral Researcher
Daniel Guerrero Romero	Cancer Research UK Cambridge Institute	Predoctoral Researcher
Gabriel Hernández Rodríguez	Universidad Politécnica de Madrid	Predoctoral Researcher and Associate Professor
Juan Ivars	Imperial College London	Predoctoral Researcher
Arantza Lamas Paz	Instituto de investigación Hospital 12 de octubre	Postdoctoral Researcher
Pablo López Ribelles	University of Oxford	MSc Student
Antonio Malpica Morales	Imperial College London	Predoctoral Researcher
Samantha Morón Ros	Institut de Bioenginyeria de Catalunya (IBEC)	Postdoctoral Researcher
Aleksandra Norczyk Simón	Centro Nacional de Investigaciones Cardiovasculares (CNIC)	Predoctoral Researcher
Alba Peris Yague	Universidad Autónoma de Madrid	Predoctoral Researcher
Sandra Petrus-Reurer	Universidad de Cambridge	Postdoctoral Researcher
Lydia Thelma Poluha	Spanish National Cancer Research Centre (CNIO)	Predoctoral Researcher
Inés Rivero Garcia	Centro Nacional de Investigaciones Cardiovasculares (CNIC)	Predoctoral Researcher
Edwar Fernando Romero Becerra	Universidad de Barcelona	Predoctoral Researcher
Alba Rubio Canalejas	Grifols	Scientist and Regulatory Affairs Specialist
Antonio Gabino Salazar Martin	Massachusetts Institute of Technology	Predoctoral Researcher
Amparo Sánchez Hernández	Spanish National Cancer Research Centre (CNIO)	Predoctoral Researcher
Lucía Sánchez Prieto	Universidad Complutense de Madrid	Predoctoral Researcher
Javier Sánchez Sánchez-Corral	Universidad de Barcelona	Predoctoral Researcher
Carlos Valverde Hernández	Universidad de Oxford	MSc Student

## FS2S ORGANIZERS

From Science to Society is jointly co-organised by the Club of Scientists of the Rafael del Pino Alumni Association and the Rafael del Pino Foundation. During the first edition of FS2S you will be accompanied by:



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Vicepresident of Fundación Rafael del Pino

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### **Carlota Taboada Villar**

Research and Online Programs Director of Fundación Rafael del Pino

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### **Bernardo Navazo**

Former President of Asociación de Becarios Rafael del Pino and member of the Founding Directive of FS2S

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### Paula Martín González

Paula Martin-Gonzalez 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 where she seeks to advance the role of scientific innovation on the Spanish economy.



### Marina Martínez Hernández



Marina Martinez-Hernandez 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.

### Bernardo Navazo López



Bernardo Navazo is a Defence and Political Risk Analyst focusing on international relations and the impact of technology in great power competition. He holds a B.Sc. & M.Sc. degree in Aeronautical Engineering (UPM - Polytech University of Madrid), a BA & MA in Political Science (UCM - Universidad Complutense de Madrid) and a Master's degree in International Affairs (Columbia University), where he wrote his master's thesis on neorealism and bipolarity under the aegis of Dr. Kenneth N. Waltz.

Right after his studies, Navazo worked for two years for several candidates and public officials in New York City and Washington DC. As a political risk analyst, Navazo has done freelance work for top-notch political risk consultancy firms and institutions such as Eurasia Group, Teneo, and the Spanish Ministries of Defence and Foreign Affairs, among others. In 2018-2020 Navazo worked for the Presidency of the Government of Spain at the Department of National Affairs as a Senior Policy Analyst. In that capacity, he was involved in several intra-government consultations on a broad variety of topics, many of them related to technology policies and the Spanish and the EU role amidst the growing US-China rivalry.

### Ana Cebrián del Pino

Ana M. Cebrián del Pino holds a degree in Business Administration and Management (Comillas Pontifical University); MBA from McGill University-Desautels Faculty of Management. She furthered her studies at Northeastern University. She has been a Foreign Trade Technician at the Economic and Commercial Office of the Spanish Embassy in Warsaw, Analyst in the Private Equity Department at Pactio Gestión Asset Management and Senior Research Analyst at Brandywine Global; She has been director of the Online Channel at El Ganso S.A. (Family patron).



### Vicente J. Montes Gan



Vicente J. Montes Gan is the Director (CEO) of the Rafael del Pino Foundation, Vicepresident of the Spanish Association of Foundations, Founder and President of the NGO Liberdome, member of the Board of Trustees of the NGO Flying Doctors AMREF HEALTH AFRICA, and member of the Editorial Boards of the academic magazine Informacion Comercial Espanola. Previous positions include: Vicepresident of the UN Global Compact Spanish Network; President of the Spanish State Economists & Trade Specialist Association; Economic and Commercial Counsellor at the Embassy of Spain in Angola, Namibia, Congo, DR

Congo, Sao Tome and Principe and Zambia; Director at ICEX; and Deputy Director General of the Spanish Court of Competition. He has also been Professor of Economic Analysis (Carlos III University of Madrid) and Chairman of the Department of Economics of the Ateneo de Madrid. He holds a Bachelor in Economics (Autonoma University of Madrid), a Doctorate of Philosophy (School of Law, Complutense University of Madrid) and is Member of the European Academy of Sciences and Arts. He is member of the Spanish State Economist and Trade Specialist Corps, Officer of the Royal Order of Isabel La Catolica, Leao de Oro of the Republic of Angola (AIA) and I Essay Prize Casa Africa.

### Carlota Taboada Villar

Carlota Taboada is the Research & Online Programs Director at the Rafael del Pino Foundation, being responsible for developing and testing new in-person and virtual formats for seminars, courses, and programmes that engage dynamic audiences in indepth, meaningful experiences around the institution. Prior to this, she worked as Cultural Manager at Casa del Lector-GSR Foundation being responsible for disseminating the institution's philosophy with a strong commitment to collaboration and impact. Previously she worked at Instituto Cervantes and Mumbai University (India). She holds a Bachelor's Degree in English Studies (University of Santiago de Compostela), an MPhil in in Culture Studies (Carlos III University of Madrid), and an MPhil in Modern Languages & Education Research (University of Murcia).







## FS2S PROGRAMME LOGISTICS

### FS2S venue

From Science to Society 2024 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 22<sup>nd</sup> 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 17:30 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.

## Networking activities

All FS2S participants are invited to different networking activities taking place after the daily talks. We encourage assistance and vivid interaction between attendees to innovate, connect and get to know your workshop colleagues.

### Networking at The Cambridge Brew House (22<sup>nd</sup> September)

For the first ice breaker activity we will meet you at The Cambridge Brew House.

Meeting point: 17:30, The Cambridge Brew House (1 King St, Cambridge CB1 1LH, see map on page 26)

### Networking at La Raza (23<sup>rd</sup> September)

The evening on the 23<sup>rd</sup> of September we will meet at La Raza First established in 2003, La Raza is now one of Cambridge's favourite restaurants, combining the relaxed vibe of a cocktail bar with the sophistication of a restaurant and lively atmosphere of a live music venue.

Meeting point: 19:30 at La Raza (4-6 Rose Cres, Cambridge CB2 3LL, see map on page 26)

### Team building activity: salsa class (23<sup>rd</sup> September)


On the 23<sup>rd</sup> September, we will attend salsa classes to let our hair down after a long day in lectures. It will take place in the same location to ease logistics. In any case, we will provide 30 minutes after the talks to get ready for the activity!

Location: Downing College Gym, 17:00

Dress code: casual wear, comfortable shoes are advisable

### City Centre Tour (25<sup>th</sup> September, optional)

A guided walking tour of the University and the Colleges is the best way to see Cambridge. After the workshop you can take a tour around Cambridge. Please note that the beautiful



King's College Chapel, the finest building of its type in Europe, will be closed at that time. Therefore, we highly recommend you visit you on the arrival date before the workshop.

Dress code: casual wear, comfortable shoes are advisable

## Grand Gala Dinner (24<sup>th</sup> September)

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 on page 26).

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 23<sup>rd</sup> to the 25<sup>th</sup> of September. This excludes dinners on the 22<sup>nd</sup> and 23<sup>rd</sup> of September. On the Grand Formal Gala Dinner (24<sup>th</sup> 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 on Sunday 22<sup>nd</sup> and Monday 23<sup>rd</sup> September there is not pre-set dress code. Business formal attire is required for the Grand Formal Dinner taking place on Tuesday 24<sup>th</sup> September.



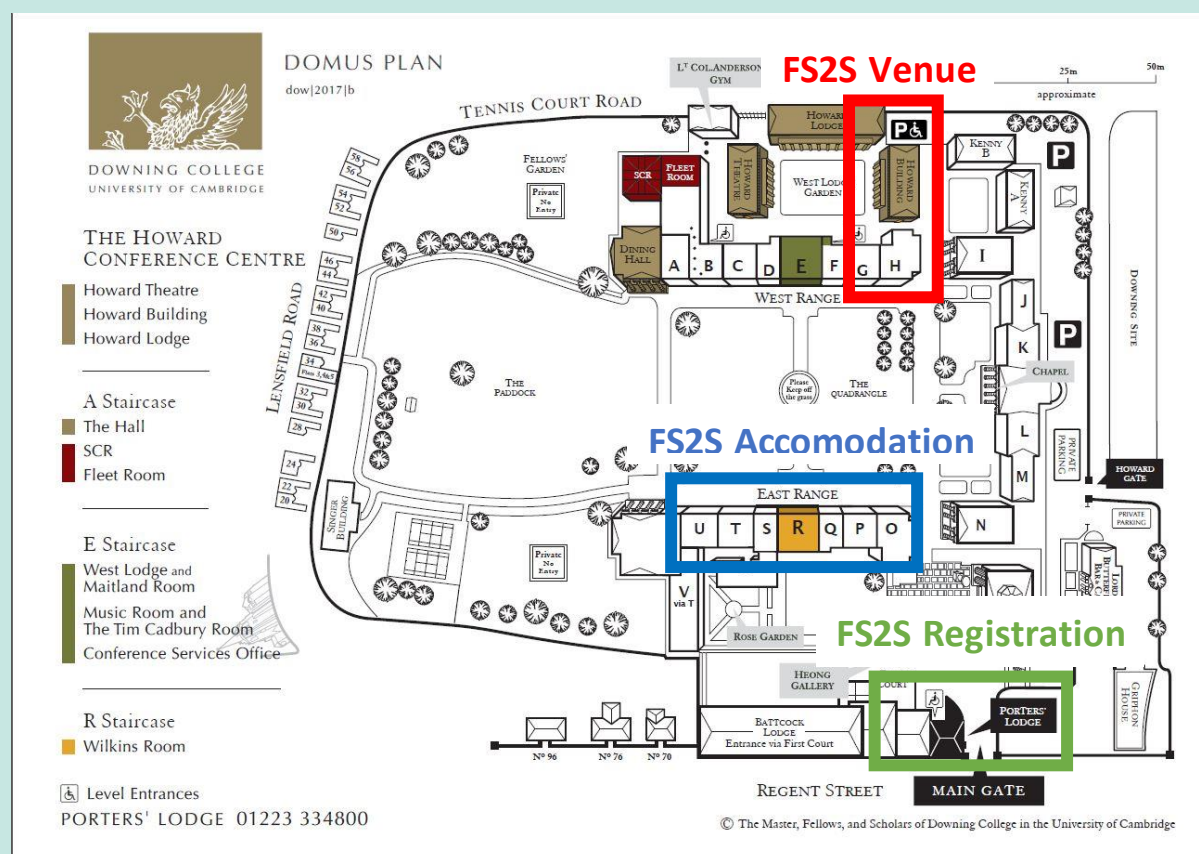
## Photography and video privacy notice

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.

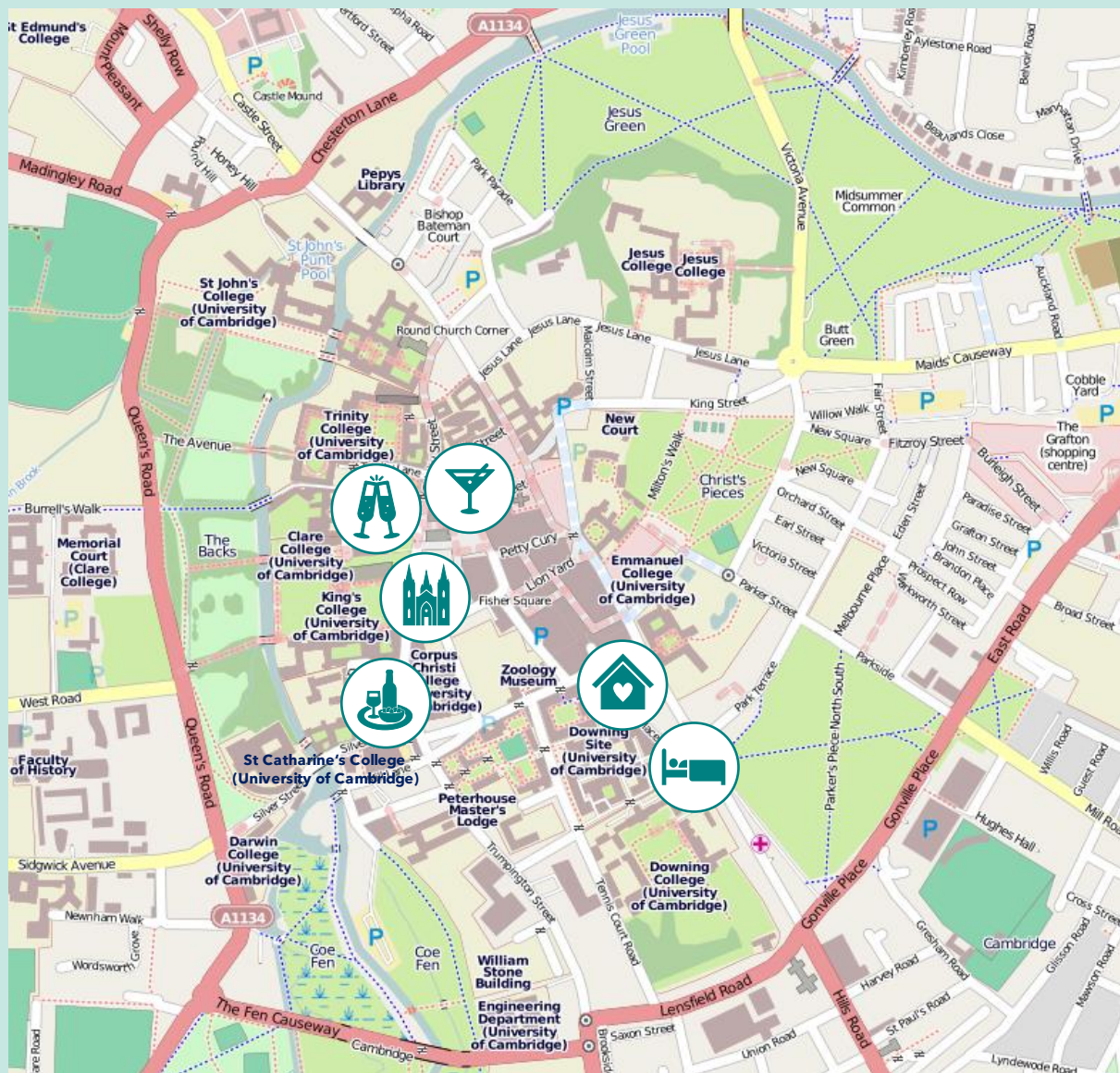
The organisation respects the privacy of individuals and their rights to their personal information. The organisation will remove any photos upon written request by individuals who object to the use of the image where they are recognizable within the image. Please e-mail [ctaboada@frdelpino.es](mailto:ctaboada@frdelpino.es)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

## Getting around

### Downing College's Map



## Cambridge's Map



**Main FS2S venue**  
Howard Building  
Downing College



**FS2S Accommodation**  
U-O Staircases  
Downing College



**King's College Chapel**  
King's College  
Meeting point tour Cambridge



**FS2S Grand Formal Dinner**  
Senior Combination Room  
St Catharine's College



**FS2S Networking activity #1**  
The Cambridge Brew House  
1 King St, Cambridge CB1 1LH



**FS2S Networking activity #2**  
La Raza  
4-6 Rose Cres, Cambridge CB2 3LL



## DISCOVER CAMBRIDGE

### What to do in Cambridge?

There's something for everyone when it comes to entertainment in Cambridge. Here we highlight the most popular attractions in Cambridge in case you want to use your free time to explore the city.

#### A. Museums

**Fitzwilliam Museum ([web](#))**: From antiquity to the present day, the Fitzwilliam houses a world-renowned collection of over half a million beautiful works of art, masterpiece paintings and historical artefacts. Opening times: Tuesdays to Saturdays 10 am to 5 pm. Free entry but needs to be booked in advance.

**Cambridge University Botanic Gardens ([web](#))**: It holds a collection of over 8,000 plant species from all over the world to facilitate teaching and research. Since its foundation, however, the Garden has also provided a beautiful place for everybody to enjoy and benefit from – a series of wonderful landscapes through which to discover the drama of plant diversity. Opening times: everyday from 10 am to 6 pm. Entry fee and early booking applies.

**Scott Polar Research Institute Museum ([web](#))**: On the side of an Antarctic volcano Frank Debenham realised that British polar explorers needed a headquarters – somewhere to share their findings and learn from each other. The idea for the Scott Polar Research Institute was born, and in 1920 it was officially founded as part of the University of Cambridge. Find out about the Institute's origin as a memorial to Captain Scott and his men, and the pioneering research carried out at the Institute over the last 100 years. Opening times: Thursdays, Fridays, and Saturdays from 10 am-12:30 pm to 1:30 pm-4 pm. Free entry.

**Kettle's Yard House ([web](#))**: In a quiet corner of Cambridge, overlooking St Peter's Church, is a beautiful house filled with beautiful objects, once the home of H.S (Jim) Ede and his wife Helen. Between 1957 and 1973 Kettle's Yard was the home of Jim and Helen Ede. In the 1920s and 30s Jim had been a curator at the Tate Gallery in London. Thanks to his friendships with artists and other like-minded people, over the years he gathered a remarkable collection, including paintings by Ben and Winifred Nicholson, Alfred Wallis, Christopher Wood, David Jones and Joan Miró, as well as sculptures by Henri Gaudier-Brzeska, Constantin Brancusi, Henry Moore and Barbara Hepworth. Opening times: Tuesday to Sunday from 11 am to 5 pm. Free entry but needs to be booked in advance.





**Museum of Archaeology and Anthropology ([web](#))**: MAA is a museum of humanity's history over hundreds of thousands of years, of world cultures over recent centuries, and of Indigenous life and art in the present. MAA is also a local museum. For nearly 140 years it has been the place where archaeological finds from Cambridge and from our region are preserved, researched and displayed. Locally and globally, it is a revelation of people's stories, through extraordinary things they have made, past and present. Opening times: Tuesday to Saturday from 10 am to 5 pm, Sunday from 12 pm to 5 pm. Free entry but needs to be booked in advance.

**Museum of Zoology ([web](#))**: The Museum is one of Cambridge's major attractions, displaying thousands of specimens spanning the entire animal kingdom, from elephants, giant ground sloths and giraffes, to birds, reptiles, insects and molluscs. It is part of the University of Cambridge Department of Zoology and welcomes over 100,000 visitors every year. The Museum holds many wonderful treasures, such as specimens discovered by the great naturalists, including Charles Darwin and Alfred Russel Wallace. The collection contains approximately two million items and thousands of these are on display. Changing displays and temporary exhibitions highlight unusual and significant items from the Museum's stores, such as the skeleton of the extinct Dodo. Opening times: Tuesday to Saturday from 10 am to 4.30 pm and Sunday from 12 pm to 4:30 pm. Free entry.

**Whipple Museum on the History of Science ([web](#))**: The museum's holdings are particularly strong in material dating from the 17th to the 19th centuries, especially objects produced by English instrument makers, although the collection contains objects dating from the medieval period to the present day. Instruments of astronomy, navigation, surveying, drawing and calculating are well represented, as are sundials, mathematical instruments and early electrical apparatus. The Whipple Museum was founded in 1944 when Robert Stewart Whipple presented his collection of scientific instruments to the University of Cambridge. Opening times: Monday to Friday from 12:30 pm to 4:30 pm. Free entry but needs to be booked in advance.



## B. Tourist attractions

**Parks and Green Spaces:** Cambridge truly is a green city – the natural fen landscape flows right into the centre along the river Cam, cows grazing within sight of Kings College Chapel. You can picnic under the trees along The Backs and admire the stunning displays of flowering bulbs in Spring, or while away the hours in beautifully kept College grounds and Fellows gardens.

The public parks and commons provide a paradise for children with play equipment, football pitches and tennis courts. Riverside parks, grassy commons, cool meadows and flower-filled gardens shape the city as much as its history and heritage. Parks are plentiful. Jesus Green, close to Jesus College, is a green space in the city centre. The River Cam brushes its northern edge and an avenue of London plane trees provides a leafy canopy over footpaths.

Parker's Piece is an open space used by locals to lounge around and play football and cricket on the grass; it is famous as the place where, in 1848, students agreed a set of simple guidelines for football which were to influence the development of the Football Association rules. Midsummer Common is an ancient area of grassland bordered by the River Cam, where you can see the boathouses of the Colleges of the University and watch the rowers on the water.

**Architecture and Heritage:** Cambridge is the country's most beautiful historic city. Its elegant centre is framed by architectural triumphs, surrounded by green spaces and home to the University of Cambridge's world-famous colleges.

Cambridge lives and breathes its past in its present; wander through the winding streets and follow in the steps of the city's luminaries including Charles Darwin, Alfred Tennyson and Sylvia Plath to name but a few. Poets, philosophers, scientists, medics, engineers, prime ministers and Nobel Peace Prize winners have all left their mark here.

Admire the picturesque waters of the River Cam and gaze in wonder at the Bridge of Sighs at St John's and the Mathematical Bridge at Queens'. Enjoy the Fitzwilliam Museum which houses world-class collections of art and the quiet and elegant beauty of Kettle's Yard, home to a distinctive mix of contemporary and 20th century art.

Join a guided walking tour around the city centre and discover the people and places key to Cambridge or mingle with the locals to buy a sticky Chelsea bun at the much-loved Cambridge institution, Fitzbillies.

Follow the River Cam upstream as it meanders through grassy fields to the Orchard Tea Gardens at Grantchester, the picture-perfect English village which poet Rupert Brooke famously celebrated in his 1912 poem The Old Vicarage, Grantchester. Relax in a chair under the canopy of blossoming fruit trees where Wittgenstein, Forster and Woolf have all taken tea.



## C. Tours

**Punting Tours ([web to book a tour](#)):** Relax on a Punt Tour of the river and take in the beautiful views of the college "Backs" - the ideal opportunity to take photographs of the iconic colleges, from a unique and privileged viewpoint.

The River Cam runs through the heart of Cambridge enabling you to enjoy fantastic views of the world famous Cambridge College 'Backs' from the comfort of a traditional Cambridge Punt.

King's College Chapel, The Wren Library at Trinity College and the Bridge of Sighs, are just some of the famous Cambridge landmarks you can expect to see during this 45-minute chauffeured punt tour.

**Bike Tours ([web to book a tour](#)):** Another exciting way to see the outer reaches of the city and the surrounding areas, just as the locals do, is to join a Bike Tour.

**City Sightseeing Tours ([web to book a tour](#)):** And if you prefer to see Cambridge from an elevated standpoint, then the top deck of an Open Top Bus Tour is the perfect place for you to relax and enjoy the sights of the city in comfort.

## D. Food and drinks

**Coffee Shops & Tea Rooms:** From cute tearooms to quirky cafes, you're spoilt for choice when it comes to coffee shops in Cambridge shire. Hot Number Coffee serves up what many locals believe to be the best brew in the city, Bould Brothers is a quaint little cafe that creates an oasis of calm and tranquillity, and Fitzbillies is a world-famous cake shop; Stephen Fry tweeted about its Chelsea buns, celebrating them as 'unmatched anywhere'.

**Street Food:** Top quality street food vans continue to pop up all over Cambridge - Norfolk Street Bakery, Thirsty & Hungry, Steak & Honour and Jack's Gelato to name a few! It's a great way to spend time eating delicious food and seeing the city from a different point of view. If you can, the Mill Road Feasts is where you can get the best all in one place.

**Restaurants:** With something for even the most discerning palate, the selection of restaurants in Cambridge makes choosing somewhere to dine a difficult decision to make. Offering something for all occasions, the choices range from Michelin Star European cuisine to the best tastes of the Orient.

**Pubs:** Cambridge is overflowing with pubs from the traditional to the trendy. You can find home-cooked food, tasty pub grub, family-friendly meals and gastro pubs to satisfy all appetites. Choose your spot, from a riverside location where you can sip a drink and watch the punts glide by to a cosy country pub full of olde-worlde village charm and a roaring log fire. History and culture is never far away in Cambridge; where else can you stop for a pint at The Eagle pub where Nobelists Crick and Watson sketched the structure of DNA on a napkin?



**Bars & Clubs:** If it's a late night venue you are looking for then you are really spoilt for choice. With a wide range of city centre nightclubs and top-class bars offering a different style of music every night - there really is something for everyone. Cambridge has a whole host of bars and clubs that are full of people out to have a good time – you could make your way along Regent Street and Downing Street on the weekend to enjoy the lively clubbing scene with a great choice of late night bars pumping music onto the dancefloors throughout the night. Or you could kick back, relax and chill out at some of the city's most stylish places to be seen.