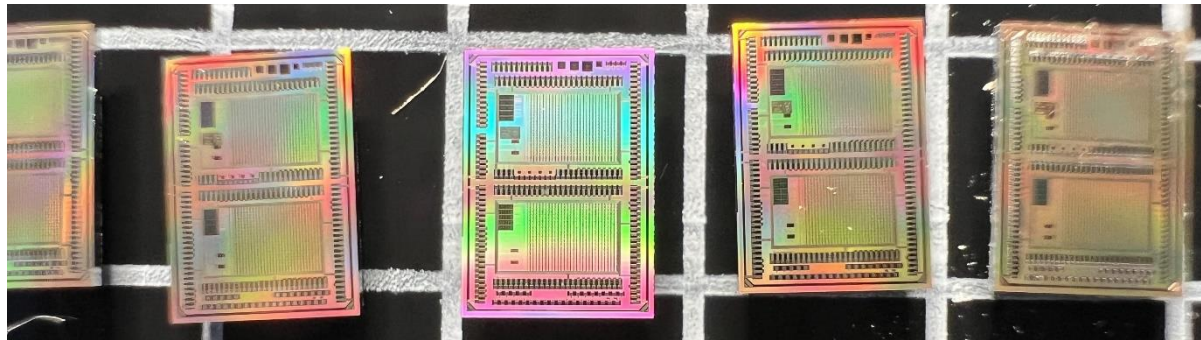


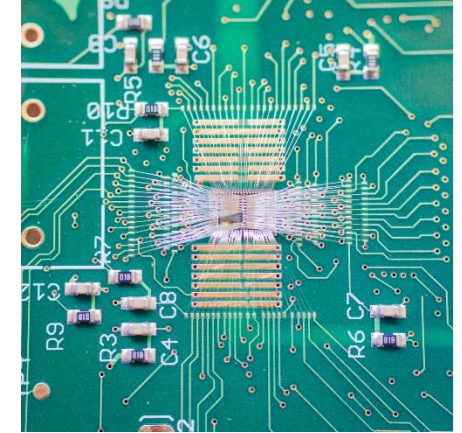
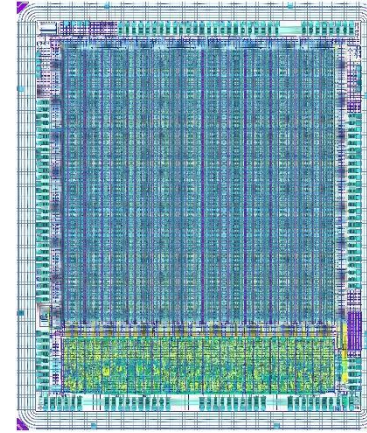
Career talk: Fellowship



Dr. Eva Vilella-Figueras
UKRI Research Fellow
University of Liverpool
vilella@hep.ph.liv.ac.uk

What do I do?

- Research Fellow with the Department of Physics
- To develop novel silicon sensors in High Voltage CMOS technologies for tracking applications
- To exploit their use in future physics experiments and beyond
- To do my own independent R&D programme
- To form, train and mentor my own team (postdoc, engineer, PhD students, undergraduate and summer students)
- To become a world-leader in my area of expertise



Maks Roman

UKRI Future Leaders Fellowship

- Prestigious and competitive scheme
- To support early career researchers and innovators with outstanding potential
- Funding for up to seven years
 - ≤ £1.5M for the first four years
 - ≤ £0.6M for the final three years
- To tackle ambitious and challenging research and innovation
- To develop the fellow's career
- For all disciplines and sectors
- Provides a route to an open-ended contract within academia

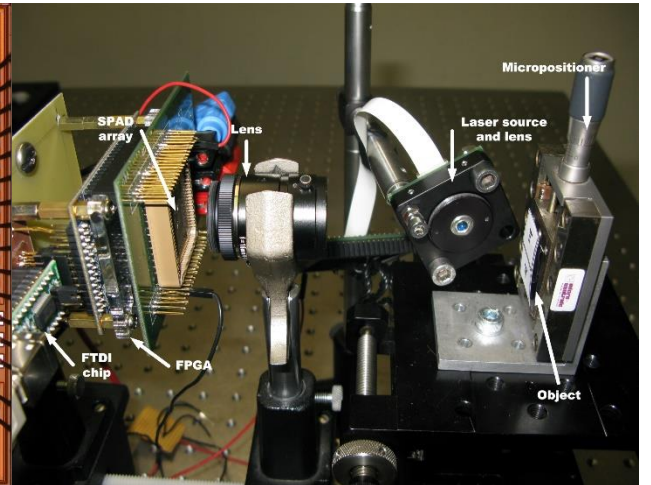
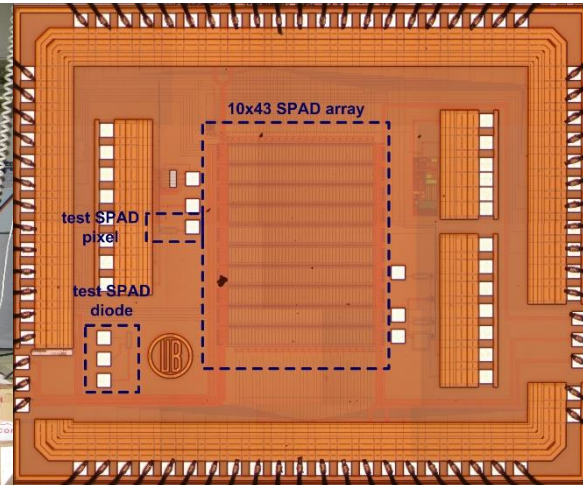


My pathway

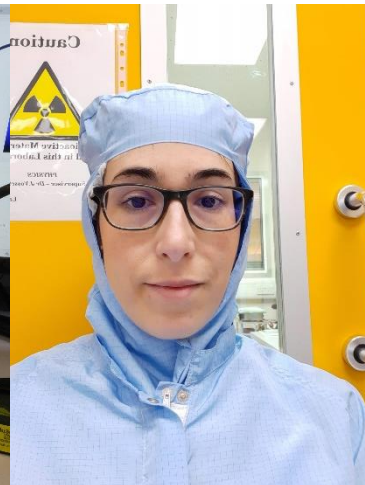
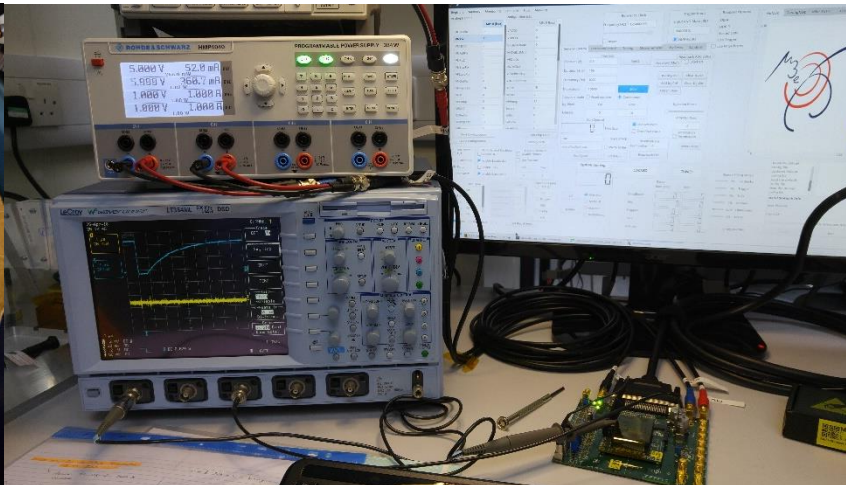
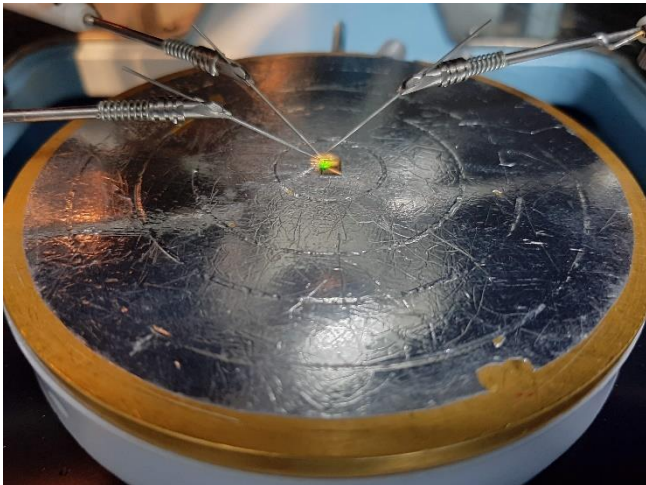
BSc @ Uni
Barcelona

MSc @ Uni
Barcelona

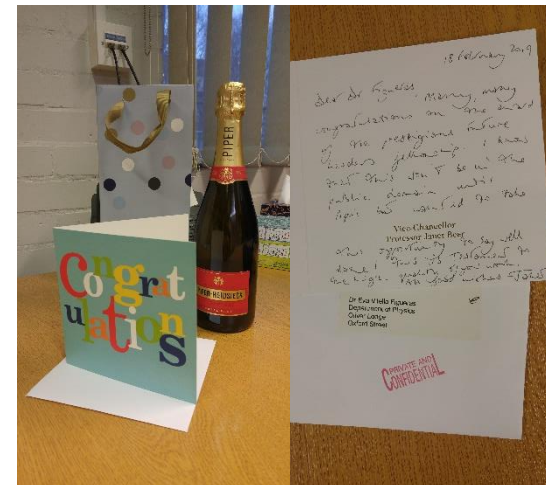
PhD @ Uni
Barcelona



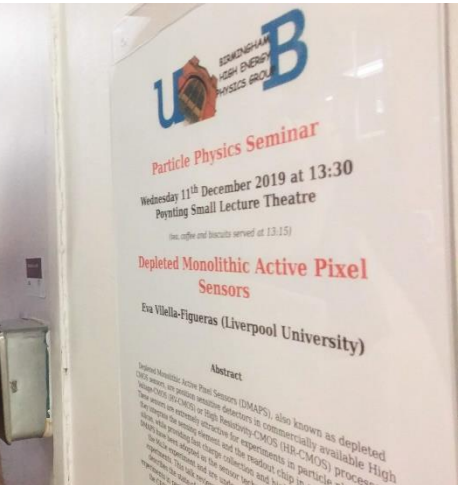
My pathway



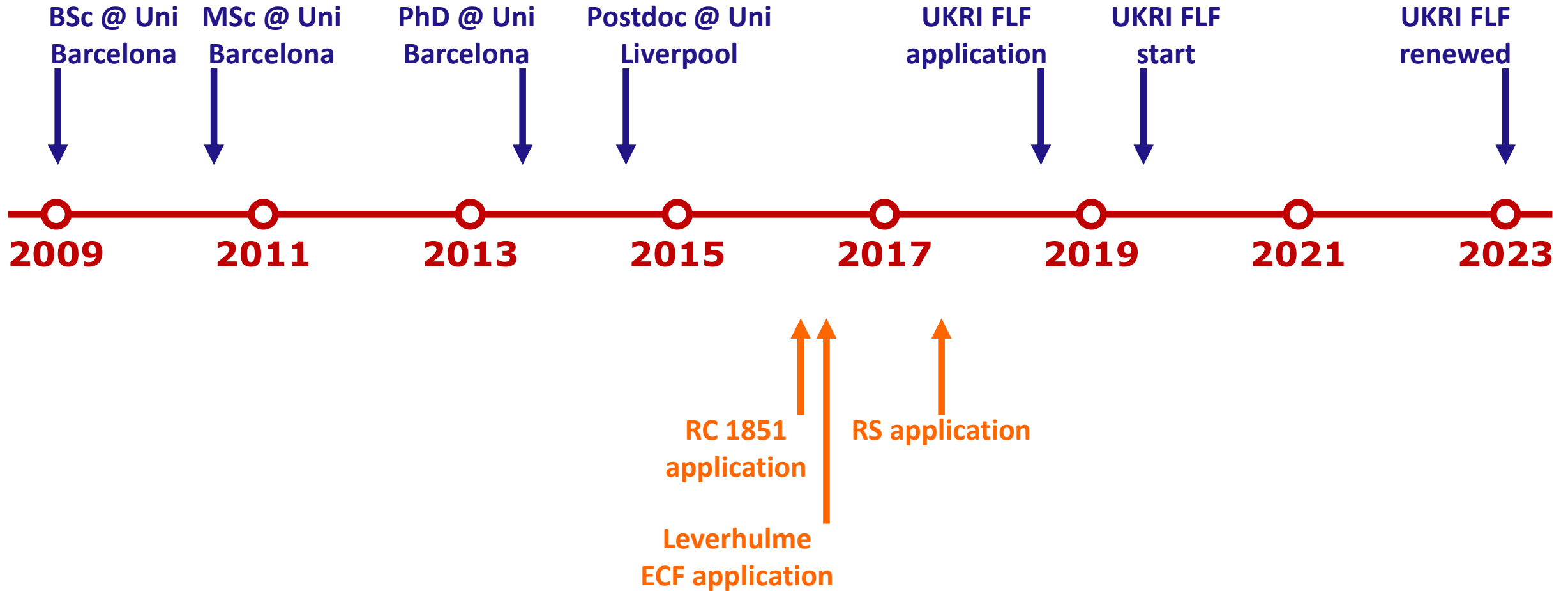
My pathway



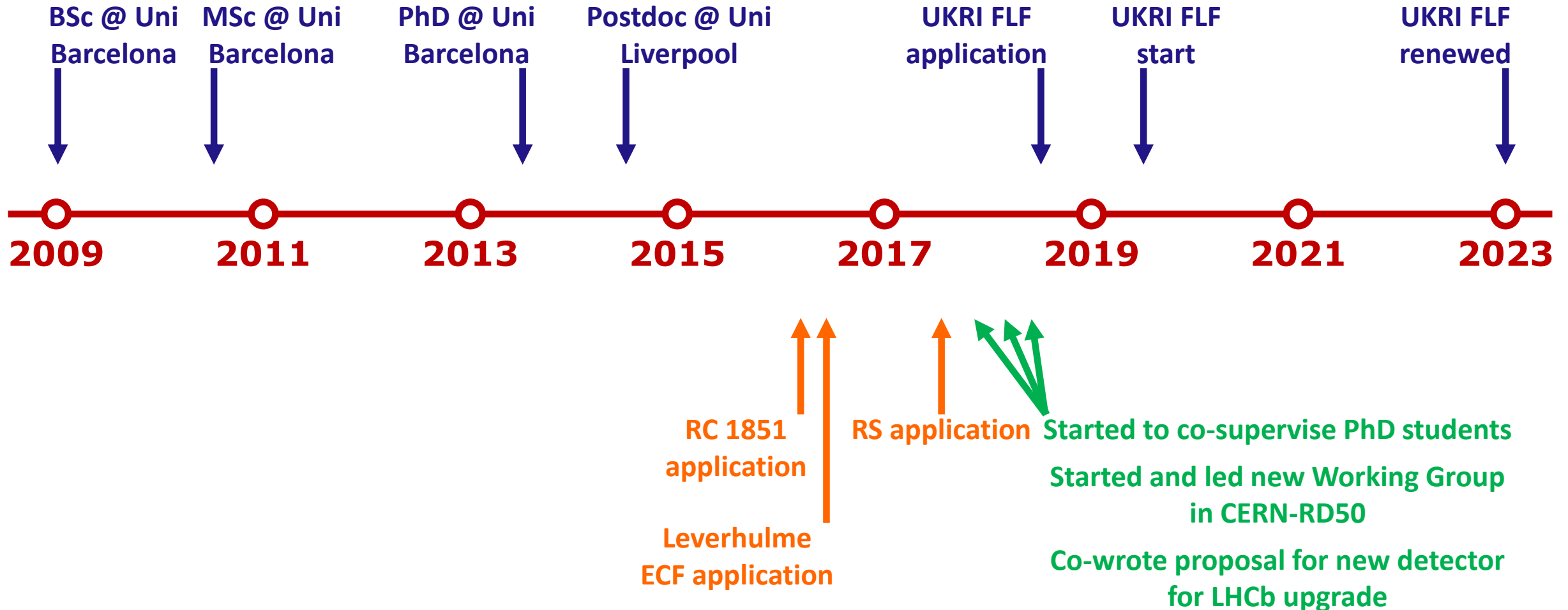
My pathway



My pathway



My pathway



Qualities needed for a fellowship

**Excellence
in
research**

Vision

**Original
thinkers**

Leadership

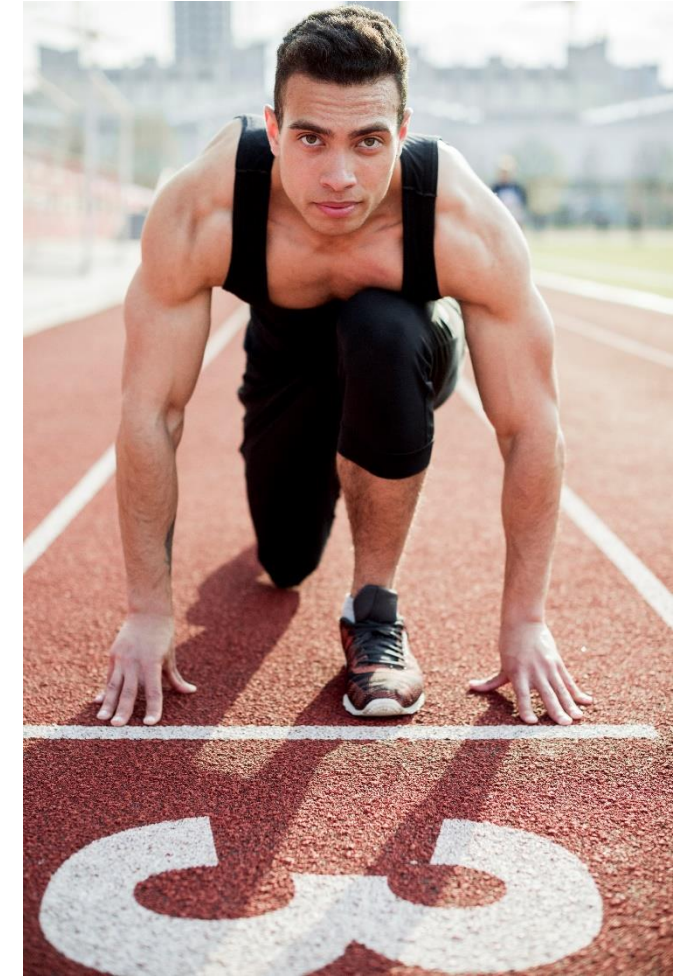
**Good
communication
skills**

**Good project
management
skills**

Independence

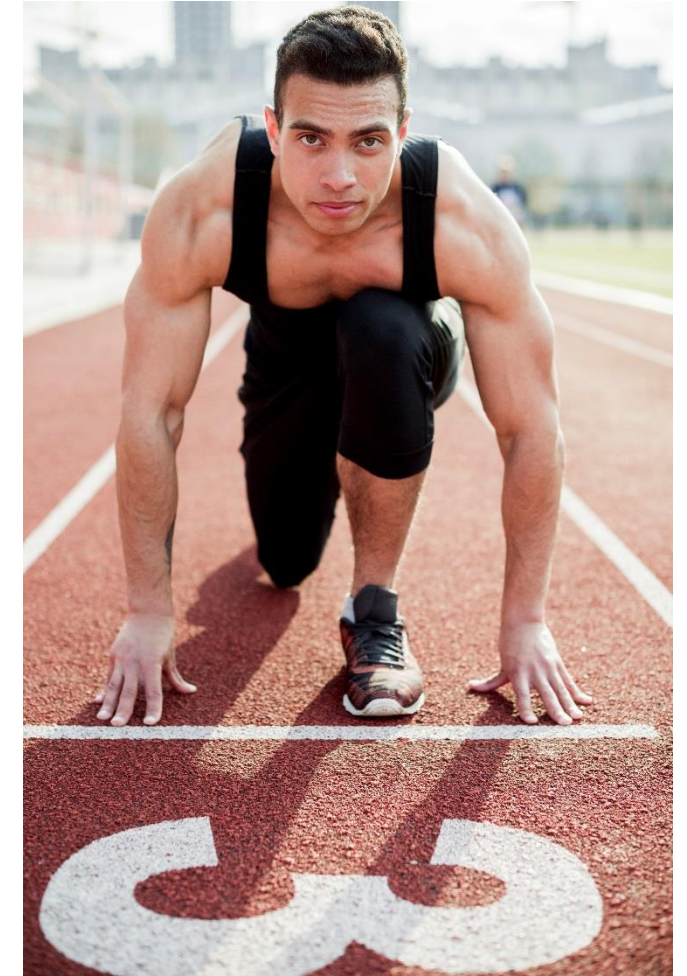
Fellowship application: Getting started

- **Identify a host institution**
- **Make contact with a member of the department / research group**
- **Make contact with the Head of the Department**
- **Contact the central research support services**
 - To get advice on costings – Research Support Office
 - To get support for writing the application (e.g. with narrative CV training, revisions, etc.) – Research and Partnerships Development
- **Register for the funders research portal (e.g. UKRI Funding Service)**
- **Pay attention to the details of the call and the required format of the proposal**



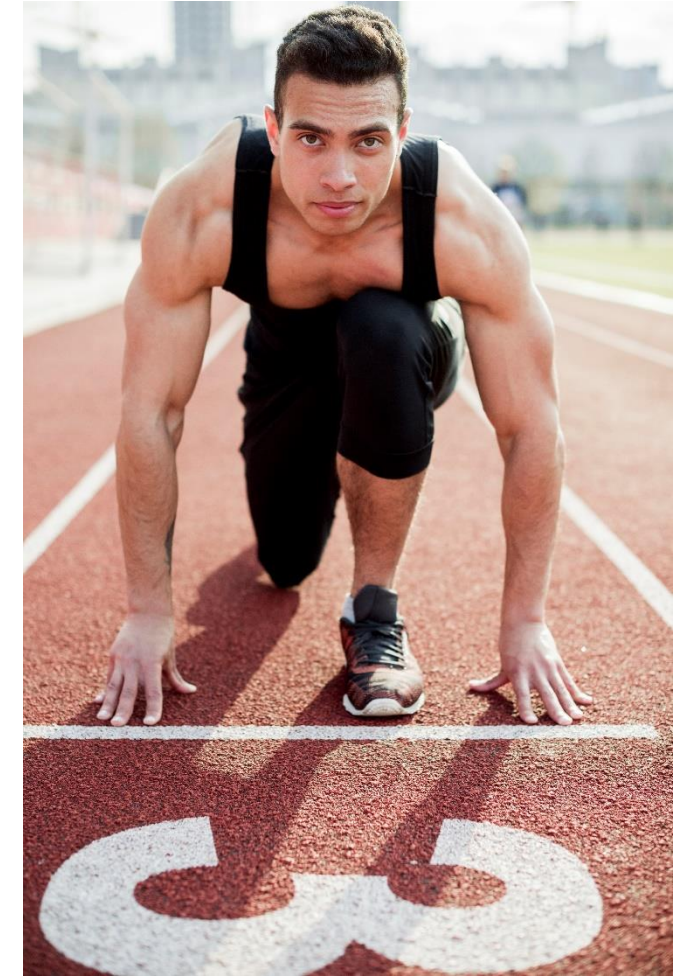
Fellowship application: Process

- **Prior to submission**
 - Prepare proposal
 - Ask for internal review
 - Obtain letters of support detailing in-kind contributions from host institution and collaborators / partners
- **After submission**
 - Funder will send proposal to independent reviewers
 - Respond to reviewers where possible
- **Sift panel**
- **Invitation for interview**
 - Request mock interview with host institution
 - Interview with panel
- **Award of fellowship**



Eva's fellowship application: required materials

- **Case for Support (8 pp)**
 - Why this?, Why now?, Why you?
 - Describe broad aims of research programme and objectives
 - Original research programme
 - To establish a leading research group
 - To achieve independence
- **Justification of Resources (2 pp)**
 - Justify staff time, consumables, travel and equipment
- **CV (2 pp)**
- **Head of Department Statement (2 pp)**
- **Pathways to Impact – Exploitation Plan (2 pp)**
 - Who and how will benefit from the proposed research
- **List of Publications (1 p)**
- **Data Management Plan (1 p)**



Staff Intranet

[Tools and services](#)
[Workplace and community](#)
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[Research](#)
[Student Experience](#)
[Welcome 2023 resources](#)

[Research, Partnerships and Innovation](#)
[IP Commercialisation](#)
[Research and impact strategy](#)
[Research and Partnerships Development](#)



[University home](#) > [Staff Intranet](#) > [Research](#) > [Research and Partnerships Development](#) > [Research Development Resources and Events](#) > Narrative CV

Narrative CVs – A Best Practice Guide

In line with efforts to improve research culture, many funders and organisations are revising their approach to research assessment. Funders are shifting away from a reliance on journal-based metrics and other quantitative measures of assessment, in favour of a broader understanding of a researcher's outputs, skills and experiences so as to value the diversity of contributions a researcher makes to the broader research environment.

Narrative CVs are being implemented by some funders in a move away from narrowly focused performance indicators that can make it harder to assess, reward or nurture the full range of contributions that researchers and academics can make to their fields. They enable a researcher to share their varied contributions to research in a consistent way whilst also valuing and recognising a wide range of personal circumstances and career paths.

[Website link](#)

- Examples
- Training material
- Contacts for support and revisions

School of Physical Sciences PDRA Development Awards

- **Who can apply?**
 - PDRAs working within the School of Physical Sciences
 - ≥ 6 months left in their contract
- **Award**
 - £6,000
 - To spend on a range of selected activities and opportunities
 - Pilot project to gain preliminary data to write a grant or fellowship
 - Visiting another research group to learn a technique to apply in their research or teaching
 - ...
- **Closing date is 24th October 2023**
- **Applications need to be submitted to Gillian McLaren**
- I think it is a nice opportunity and valuable experience for all PDRAs, especially those who are thinking of applying for fellowships



Fellowship schemes (incomplete list)

- Future Leaders Fellowship
- Royal Society Fellowship
- Ernest Rutherford Fellowship
- University Research Fellowship
- Royal Commission for the Exhibition 1851 Fellowship
- Leverhulme Early Career Fellowship
- ...



My fellowship: expectations



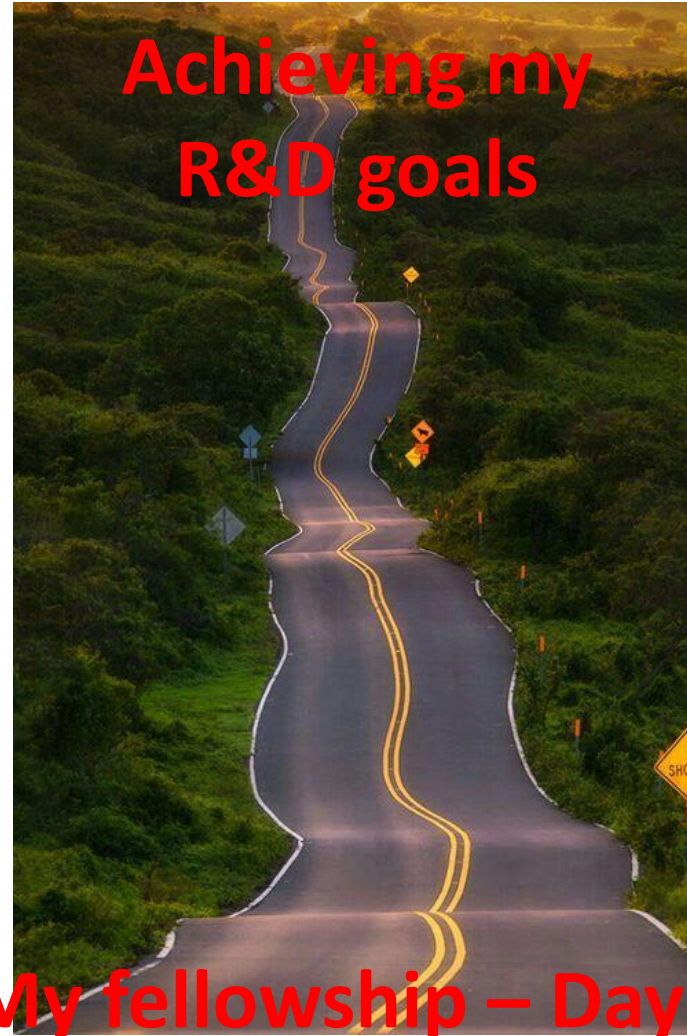
My fellowship: reality

Unable to get agreement with international collaborators

Foundries where I fabricate my custom-designed silicon sensors do not agree to produce my sensors like I would like them to

Preliminary measurements do not go like expected

Recruiting is hard



Delay in technical programme

Discontinuation of software licenses –computer services people on annual leave

New PhD students need training

Newly recruited postdocs need training

My role as a PI: day 1

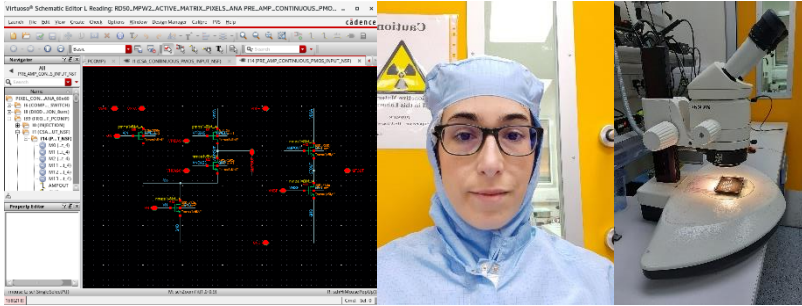


I was the same exact person as before, with the same skills

- yet I had a completely new role
- and very different professional responsibilities!



My role as a PI: after 4 years...



- Being a PI means having less time to
 - Do sensor design
 - Do sensor measurements in the lab
 - Read and write papers

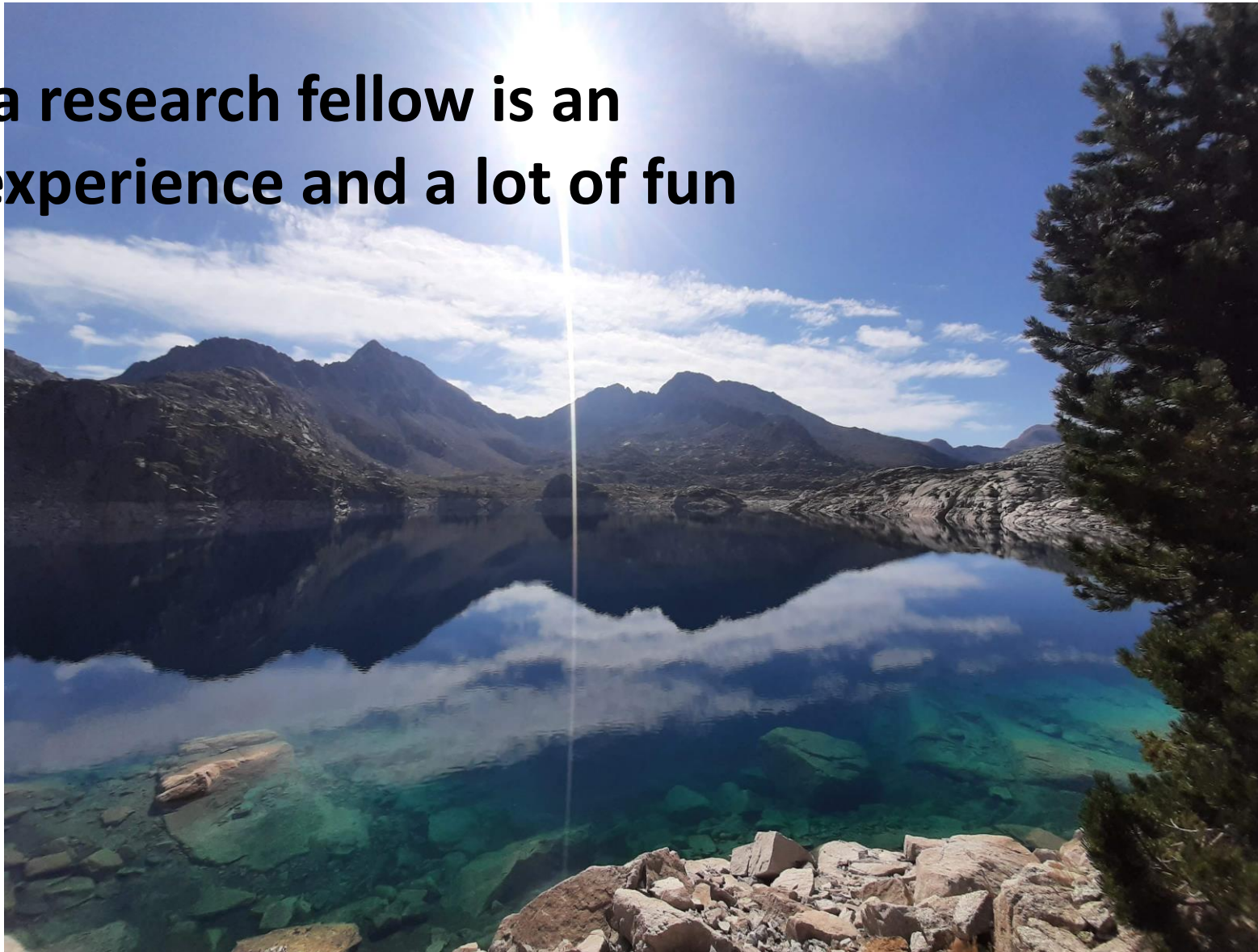


- But needing to spend a significant amount of time
 - Supervising and mentoring postdocs, engineers + students
 - Funding applications
 - Dealing with paperwork (contracts, purchases, etc.)
 - Sorting things out (meetings, emails, etc.)



- Planning, developing relationships and making impact
 - Strategy to achieve my R&D goals
 - Developing relationships with collaborators + industry
 - Make things happen at a larger scale

Being a research fellow is an excellent experience and a lot of fun





Thank you for listening!