

4th May 2021

Part time market research assistant in optomechanical sensing

Department of Physics and Astronomy, University College London

Reports to:

Dr Ying Lia Li

Phone: +44 (0) 20 7679 2564

Email: ucaplic@ucl.ac.uk

Grade: Grade 6; Spine Point 21

Salary (inclusive of London Allowance):

The hourly rate of pay for the duration of the project will be £19.10 including London allowance (Grade 6; Spine Point 21).

Hours: Part time (9 hours per week for 13 weeks)

Duration: 3 months from 1st June 2021 -31st August 2021

This short term opportunity is available as an internal appointment:

Applicants are invited for a part-time market research Assistant role in the Department of Physics & Astronomy to help support market research activities within a Royal Academy of Engineering Proof of Concept project. This includes writing notes, and searching the internet for commercial intelligence. The role will be remote only.

Candidates must be currently pursuing a PhD in a similar field of research such as optical sensing and/or optomechanics.

The job description and person specification is attached.

Application Process:

To apply for this position please send an expression of interest together with a CV (3 pages maximum) to Dr Ying Lia Li ucaplic@ucl.ac.uk no later than 11.59pm May 24th 2021. Interviews will be held during that week (virtually) with the role starting on the 1st June

Closing date: 11.59pm on Monday 24th May 2021.



Job Description

Part time market research assistant in optomechanical sensing (temporary)

Department: Physics & Astronomy

Grade: 6

Location: Remote/London

Reports to

Dr Ying Lia Li (Royal Academy of Engineering IC Postdoctoral Fellow)

Context

The Royal Academy of Engineering has awarded a 'Proof of concept' grant to the department of Physics & Astronomy to investigate the commercial feasibility of creating optical sensors. A core part of this award is to collate and analyse market trends in the applications of quantum motion sensing, gravimetry and positioning, navigation and timing. We are searching for a part time temporary assistant to help with the organisation and dissemination of this market research information.

9 hours per week, for 13 weeks between 1st June to 31st August 2021

Main purpose of the job

The successful candidate will complete data dissemination for a proof of concept project relating to the commercial feasibility of quantum optomechanical sensors. The candidate will be responsible for collating market research provided to them from the project lead. No prior experience with market research is required.

This post is primarily aimed at final year PhD students who can obtain permission from their supervisors to undertake this work alongside their research including attending virtual meetings twice per month (6 in total).

Duties and responsibilities

- Attending meetings twice a month for the 3

- month duration (6 meetings in total)
- Keeping tidy and organised minutes from the meetings
- Maintaining and contributing to bullet point notes on the uses of motion sensing, existing motion sensors, and emerging technologies
- Searching publicly accessible resources for information

Skills and experience

- Experience working on literature reviews
- Theoretical or experimental experience working with optical or optomechanical sensors (classical or quantum) is essential
- Able to demonstrate commitment to external roles not within their primary research e.g. demonstrating, marking, volunteer work, advocacy roles, panel/steering group roles

Additional information

This role will be advertised until 11.59pm on May 24th 2021 and interviews will be held during that week with the role starting on the 1st June

Person Specification

| Criteria | Essential or Desirable | Assessment method (Application/Interview) |
|---|------------------------|---|
| Qualifications, experience and knowledge | | |
| Currently undertaking a PhD in a relevant research field? | Essential | Application |
| To have presented research in conferences, workshops or other professional arena | Desirable | Application |
| Skills and abilities | | |
| Effective written and verbal communication skills | Essential | Application/Interview |
| Experience in conducting commercial market research | Desirable | Application |
| Personal attributes | | |
| Commitment to UCL's policy of equal opportunity and the ability to work harmoniously with colleagues and students of all cultures and backgrounds | Essential | Application/Interview |