

WOLFSON RESEARCH EVENT



ABOUT

The Wolfson Research Event has always been a hub for innovation, fostering interdisciplinary collaboration, and highlighting the dynamic landscape of research. Whether you are at the early stages of your research or have substantial findings to share, we encourage you to submit your abstract and contribute to the event. The event will feature the works of researchers across various disciplines and create an environment for exchanging perspectives. This is not only an opportunity to present your research, but also a chance to understand the dynamics of research conferences and practice effectively communicating your project to a broader audience.

PRESENTATIONS

POSTER

Abstracts for posters will be offered the chance to present their work in poster format. This is an excellent opportunity to engage in more personalised discussions about your research.

PODIUM PRESENTATION

Selected abstracts will be given the opportunity to orally present their research. Each presentation will be allocated a 15-minute slot, including time for questions.

REVIEW PROCESS

All submissions will undergo a comprehensive peer-review process conducted by a panel of Wolfson affiliated academics and professionals. The review criteria will focus on originality, significance, clarity, and the overall quality of the research. Reviewers will give feedback on abstracts.

HOW IT WORKS

1. Submit Abstract (max 250 words) by the 10th January 2025 through the form ([Abstract Submission](#)). Applicants will indicate whether they want to present a poster or give a podium presentation.
2. Reviewers meet and provide feedback on Abstracts. Presentation selections will occur.
3. Individuals given the opportunity to incorporate feedback
4. Presenters attend development workshops and rehearsals
5. Poster submission due March
6. Present at the Research Event 8th and 9th May

WE ARE HERE TO HELP

Abstract Q and A

The Abstract Q and A will be designed to help students ask questions about preparing their abstract. For further guidance tips, and best practices for crafting a compelling abstract please watch the video linked below.

Video: [Writing an Abstract for WRE](#)

Q and A Session: 19:00- 20:00 Monday 2nd December 2024

Q and A Location: [Abstract Q and A Link](#)

Poster and Presentation Workshop

The Poster Workshop will be designed to offer guidance, tips, and best practices for crafting a poster. Dates will be communicated closer to the time.

QUESTIONS?

Please do not hesitate to reach out if you have any questions! You can contact us at wre@wolfson.cam.ac.uk or visit www.wolfson.cam.ac.uk/wre for more information.

EXAMPLES



SCIENCE ABSTRACT EXAMPLE

Asteroid formation in a vortex

We need to understand how planets form before we can estimate how likely it is that life appeared elsewhere. After decades of research, we know that planets form in the discs of gas and dust surrounding young stars. We also know that planet formation is a sequential process where grains become pebbles, then asteroids, then planets. What we do not know, however, is how cm-small pebbles become km-big asteroids. The streaming instability (SI) can gather the pebbles into clumps so dense that they collapse under their own gravity and become asteroids. As such, it is a promising way to bridge the cm-to-km gap. Unfortunately, the SI is only active in regions with a lot of pebbles that are all similar in size. One of the only places that meet both conditions is a large-scale vortex. The encouraging thing is that vortices are common in discs. The problem is that no one knows if the SI can develop in a vortex, because each instability can only grow in certain flows, and a priori the SI is active in disc flows – not vortex flows. Here we prove that a form of SI is indeed active in vortices. First, we build a pen-and-paper model of a pebble-laden vortex. Then, we show analytically that perturbations to that vortex grow exponentially in time, highlighting an instability. Finally, we demonstrate that this instability relies on the same resonance as the SI. This marks an important step towards validating the vortex pathway to asteroid (and planet) formation. - NATHAN MAGNAN

HUMANITIES ABSTRACT EXAMPLE

Bedouin, indigeneity and international law

This dissertation will problematise the difficulties that modern states face in conceptualising the legal status of Bedouin from an international law perspective. The Bedouin are a historically nomadic Arab population that face both social and legal discrimination across the Middle East. Arguing that the Bedouin are an indigenous population, this dissertation will assess the emerging legal activism calling for enhanced legal protections for Bedouin, such as reform of land law, in the context of international law protecting the rights of indigenous people. I will take a comparative approach and using the legal systems of Israel and Kuwait as case-studies and compare national legal systems against the international law protections with a specific focus on the rights of indigenous people and the question of statelessness. This will involve assessing the applicability of nationality laws to the Bedouin as a nomadic population, the intersection of the Bedouin and bidoon (a multi-generational stateless population) populations in Kuwait, and the expropriation of Bedouin land and their loss of traditional territory to the Kuwaiti and Israeli states. In the Israeli context, this will involve discussion of the historical origins of terra nullius under British Mandate. Questions of territory and nationality will be assessed as the products of particular cultural, social and political practices, and as such, relevant laws will be contextualised by the sociopolitical context in which they were developed and applied, relying on archival material, newspaper reporting, and academic literature.- NOOR HAMMAD

FOR MORE EXAMPLES SEE [LAST YEARS PROGRAMME](#)

REVIEW MARKING CRITERIA

Criteria	Evaluation
Content(1-10 for each subsection)	Suitability for a non-specialist audience: The abstract presents the idea in an accessible and interesting manner suitable for the understanding of a general audience. The use of technical jargon is balanced, providing accurate context while avoiding unclarity.
	Originality: The abstract presents original work/ideas developed by the author and is a novel contribution to its field, i.e., not work done by previous lab members.
	Argumentation: The abstract is delivered in a highly sophisticated way and is crafted thoughtfully and creatively. The knowledge gap and where the research fits in the broader literature are stated clearly. The methodology is explained logically and aligns with the project's aims. The importance of the research question is put in context with its wider application.
Presentation (1-10)	The abstract is written clearly and with precision, with no grammar or spelling errors that drastically affect its readability. It does not exceed 250 words, maintaining a concise presentation.