



THE UNIVERSITY  
of EDINBURGH

# PhD Opportunities in CMVM

The presentation will start at 11.00 GMT



Prof. Patrick WF Hadoke. 11<sup>th</sup> November 2024

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# Welcome to Edinburgh & the College of Medicine & Veterinary Medicine



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# Welcome to Edinburgh & the College of Medicine & Veterinary Medicine

School	Total
Biomedical Sciences	178
Clinical Sciences	274
MGPHS	389
Medical School	5
Veterinary School	184
	1030



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# Presentation Overview

Why should I do postgraduate research?

What type of postgraduate degree should I do?

What is it like to be a postgraduate student?

How does CMVM Support postgraduate students?

How do I find a suitable degree?

Frequently Asked Questions

Q&A Session



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# Why should I do a postgraduate degree?

1. Make a Contribution Towards Your Chosen Field.
2. Long-term Career Goals.
3. Improving and Challenging Knowledge.
4. Enjoyment of the Subject Matter.
5. Demonstration of Intellectual potential.

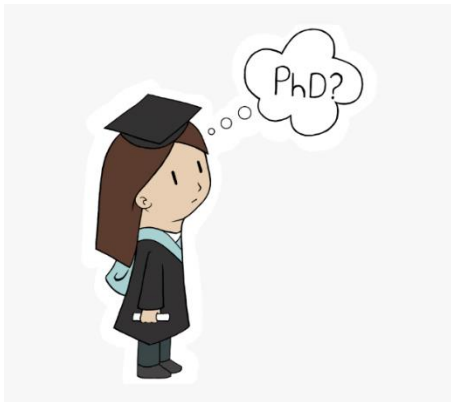
Doctoral College Sessions: Lead Prof. A Maciocia.

***What is a PhD and how to apply?***

Tuesday 11<sup>th</sup> November 2024: 09:00-10:00

***Applying for PhD Funding***

Wednesday 12<sup>th</sup> November 2024: 15:00-16:00



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# What type of postgraduate degree should I do?

## The Master of Science (MSc)

1 year full-time degree (except taught Dentistry programmes MCLinDent and DClinDent which take 24-36 months).

The focus is on developing research skills  
lectures; tutorials; seminars; practical  
and lab work; dissertation.

<https://www.ed.ac.uk/medicine-vet-medicine/postgraduate/taught-degrees>

## The Master of Research (MRes)

1 year full-time degree

Thorough training in a particular discipline area through original investigation and research.

Two different routes:

12 months working on two different research projects  
or

a 'taught' Masters by Research that includes seminars and core training alongside research projects.

<https://www.ed.ac.uk/medicine-vet-medicine/postgraduate/research-degrees/masters-by-research/masters-by-research-explained>



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# What type of postgraduate degree should I do?

## **Doctor of Philosophy (PhD)**

~3-4 years full-time degree (PT options)

develops:

ability in research methods

analytical skills

expertise (depth and breadth)

independence.

<https://www.ed.ac.uk/medicine-vet-medicine/postgraduate/research-degrees/phd>



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# What type of postgraduate degree should I do?

## MD and academic routes for medical clinicians.

**MD**      2 years

a higher degree undertaken by clinically-qualified staff

<https://www.ed.ac.uk/medicine-vet-medicine/postgraduate/research-degrees/medical-advanced-clinical-training/doctor-of-medicine>

### Edinburgh Clinical Academic Training

PhD Programme for Clinicians

- Welcome Trust funded PhDs
- TRACC Programme

<https://www.ed.ac.uk/medicine-vet-medicine/our-research/cmvm-research-support/translation-commercialisation/edinburgh-clinical-academic-track>

## Veterinary advanced clinical training

### Doctor of Veterinary Medicine (DVetMed)

For veterinary surgeons who want to advance their clinical career or switch to an academic research/teaching career.

<https://www.ed.ac.uk/studying/postgraduate/degrees/index.php?r=site/view&id=950>

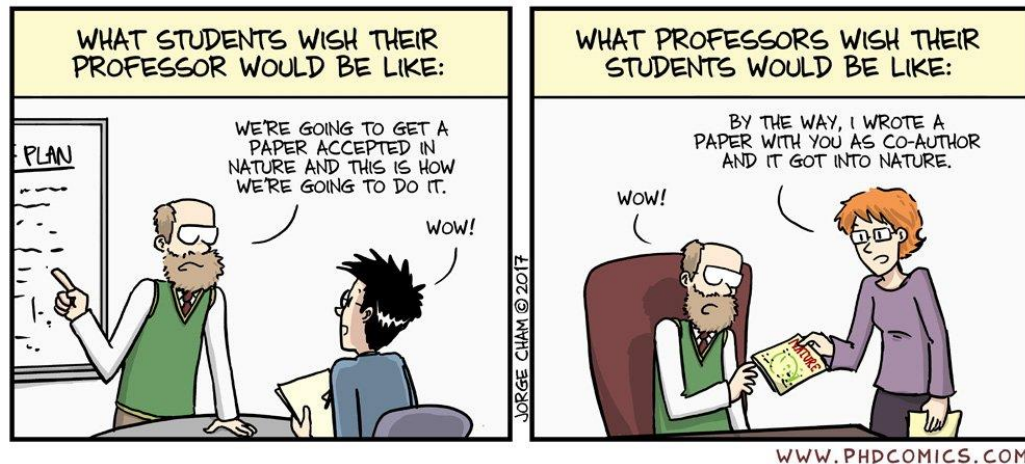


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# What is it like to be a postgraduate student?



## YOUR THESIS COMMITTEE

Also known as: an impossibly difficult group to get together in one room but who nevertheless hold your future in their hands depending on their ability to reach a civilized consensus.



### Your Professor

Simultaneously your biggest ally and your worst enemy. Will be the first to suggest you do more work.



### The Guru

Only here for the free cookies. Don't forget to bring cookies.



### Adversary The Absolute

Has bitter rivalry with your Professor and will argue the exact opposite view. Work this to your advantage.



### The Strawman/woman

Nice guy.  
No opinions.



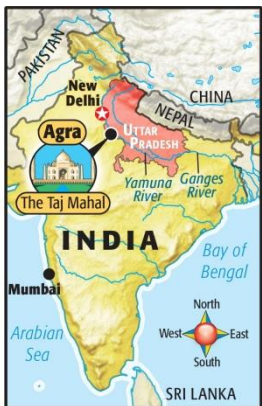
### The Assistant Professor

Still doesn't believe just a few months ago they were on the other side just like you. Pretends to be an adult.



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**ID**  
**Centre for Cardiovascular Sciences**  
**The Queen's Medical Research Institute**  
**The University of Edinburgh**  
**United Kingdom**



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MEDICAL  
RESEARCH  
SCOTLAND



**2018-2023**

5-Year Integrated M.Sc.  
(Biological Sciences)  
National Institute of Science  
Education and Research,  
Odisha, India

Master's project (2021-2023)

Topic: Finding the  
molecular pathway for  
White adipose browning

**PhD in Cardiovascular Sciences**  
(October 2023-2027)

**4-year Medical Research Scotland (MRS) studentship  
Fellow**

**Project:** The role of lactate receptor in adipose  
thermogenesis



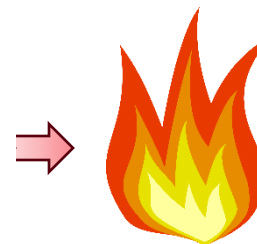
White  
Adipocyte



Beige  
Adipocyte



Brown  
Adipocyte



Increased  
thermogenesis

**But why a PhD?**

We deal with  
metabolic disorders

Medical therapeutic  
applications

Collaborative  
projects

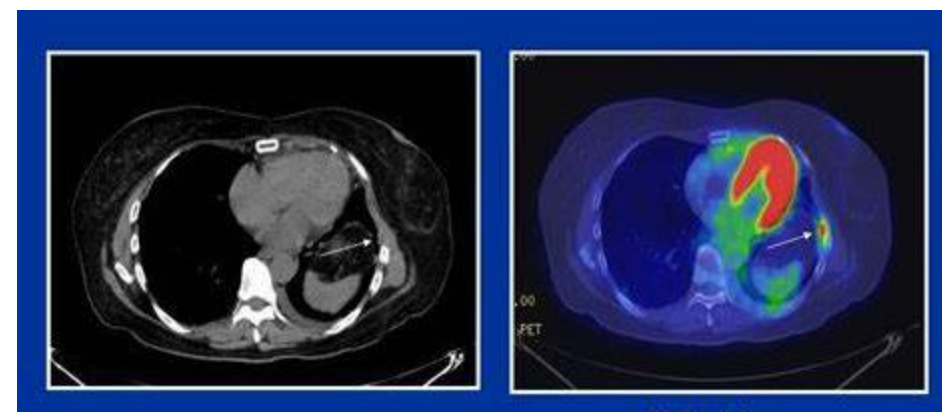
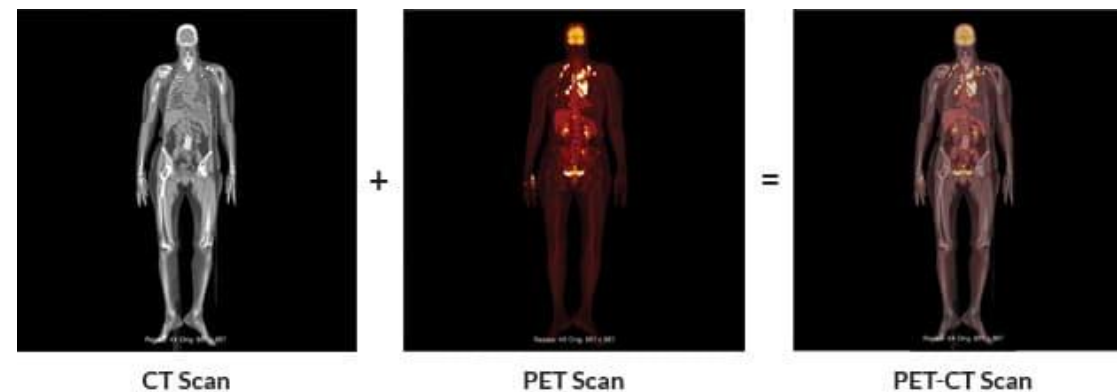
Interdisciplinary  
approach

KP

Centre for Cardiovascular Sciences  
The Queen's Medical Research Institute  
The University of Edinburgh  
United Kingdom



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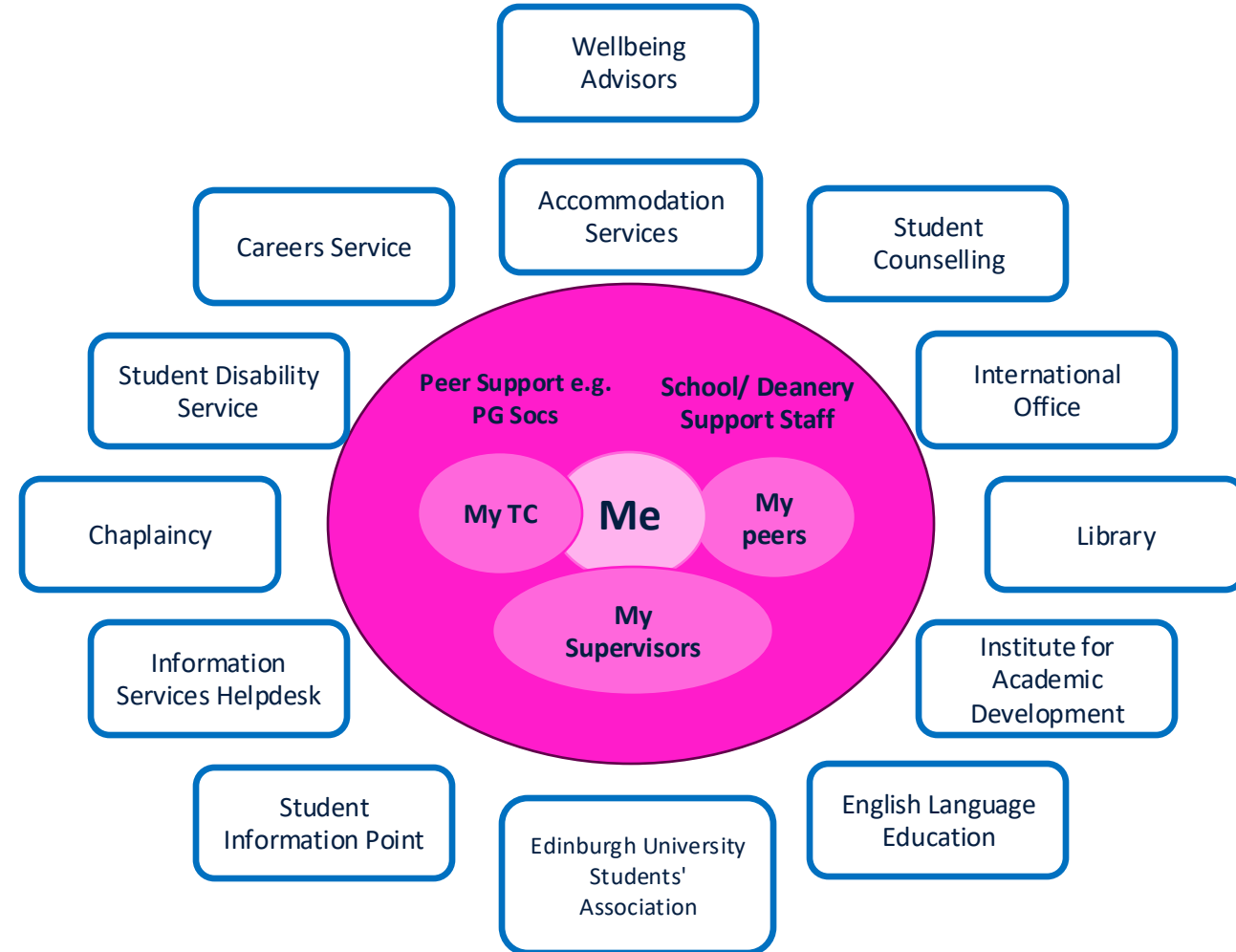


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# How does CMVM Support Research Students?



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# How do I apply?

- What do you want to study?
- Where do you want to study?
- How do you want to study?
- Find a supervisor (FindaPhD)
- <https://www.findaphd.com/>
- Apply on-line directly to a University.

Doctoral College Sessions: Lead Prof. A Maciocia.

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# Frequently Asked Questions

1. Can I see the labs where I will be working?
2. Can I contact a potential supervisor directly?
3. How can I fund my PhD/ Is there funding available?
4. Do I have to submit a copy of my transcript?
5. Where can I get specific information on my postgraduate programme?
6. Where would I be based in the city?
7. Is there a shuttle service around the campus?
8. What effect has Covid-19 had on research?
9. Can I work during my research degree?
10. How hard should I work as a postgraduate student?





# Further Information

[Doctoral College webpages](#)

[Scholarship and funding pages](#)

[Institute for Academic Development Pages](#)

[Student wellbeing pages](#)

[Code of Practice for supervisors and research students](#)

[Accommodation | The University of Edinburgh](#)

[Student Immigration Service | The University of Edinburgh](#)

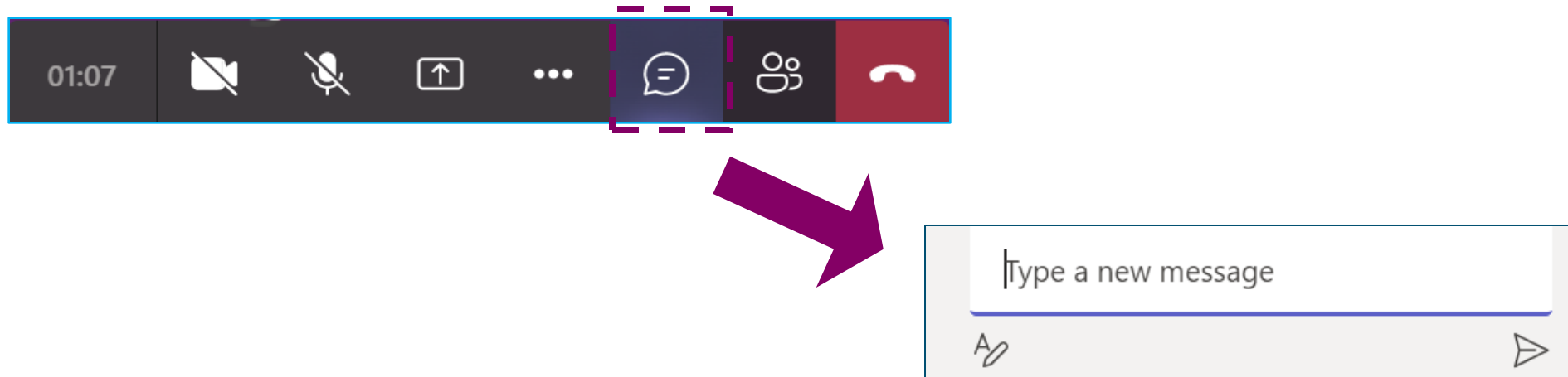


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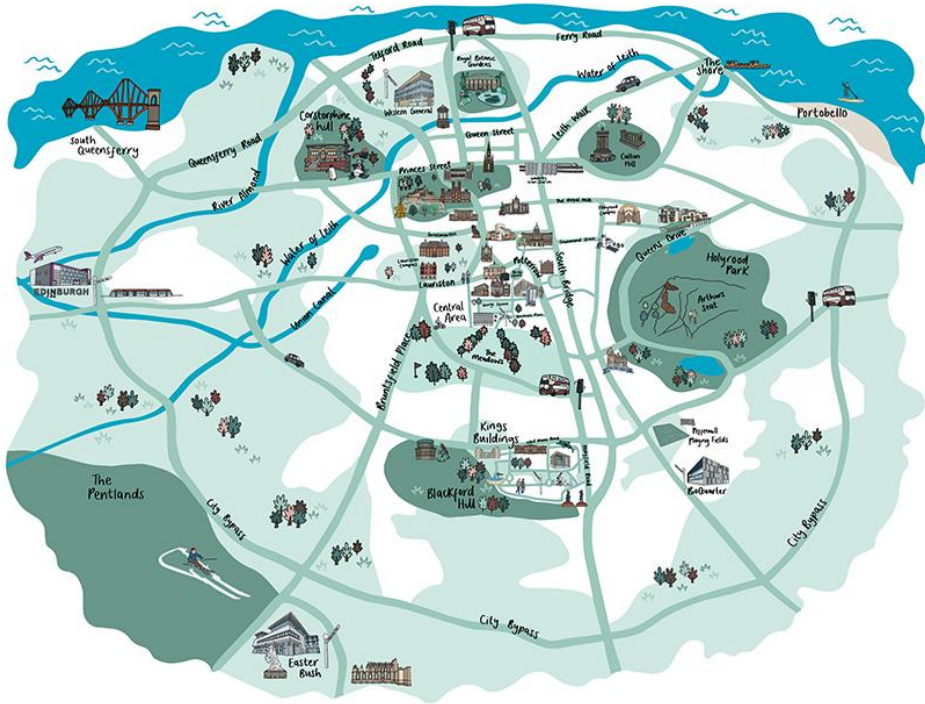
# Asking questions (Microsoft Teams)

- Type your question into the Chat Area



# Next steps...

<https://virtualvisits.ed.ac.uk/pg>



<https://edin.ac/student-chat-pg>



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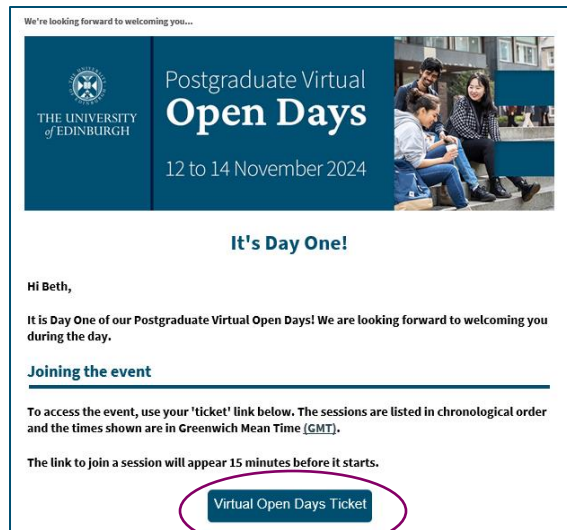
# Contact details for follow-up questions

- We apologise if we did not get through all of your questions in the time allotted for this session. If you have further questions that have not been answered, please email: [futurestudents@ed.ac.uk](mailto:futurestudents@ed.ac.uk)
- *Patrick.Hadoke@ed.ac.uk*

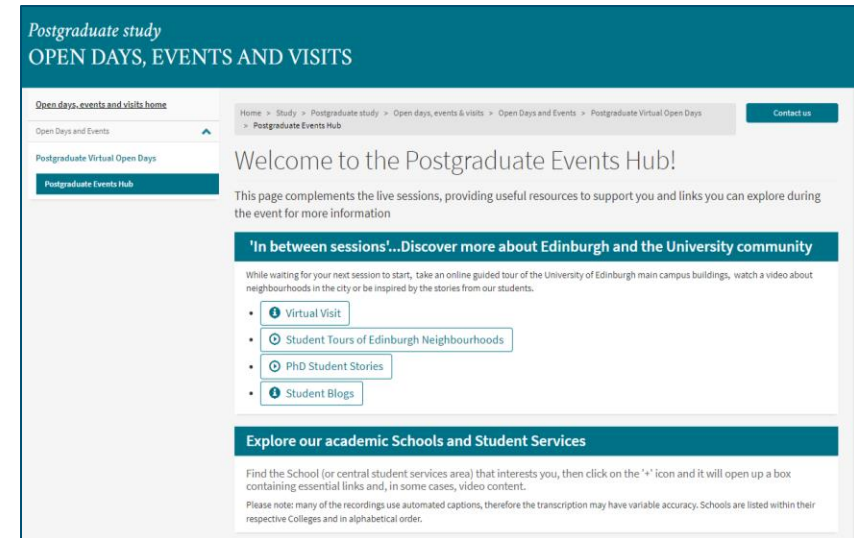


# Thank you – click ‘Leave’ when the session ends

- Return to your ‘e-ticket’ to find and attend other sessions you’ve booked – by clicking on the button in the email we sent you...



- ...and visit the events hub:
- <https://edin.ac/4gZuP3G>



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# Thank you

Prof Patrick WF Hadoke

*Patrick.Hadoke@ed.ac.uk*

