Shuping-Jardine Scholarship

- 胡哲元 Peter/89-90
- Computer Science
  - Magdalene College
  - Oct 2022 - Jul 2026

About me:
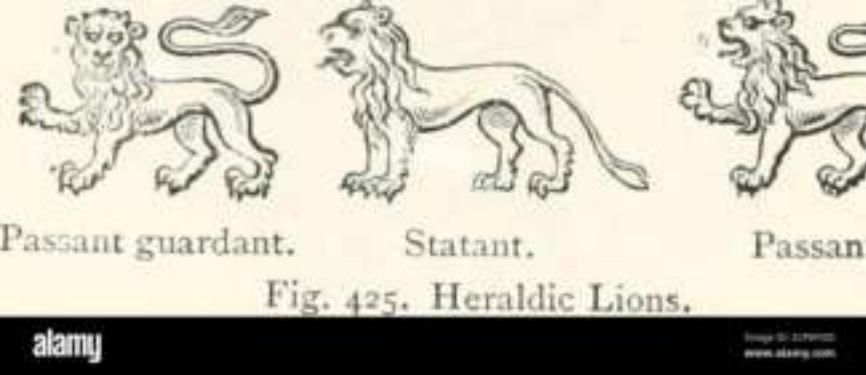*Homepage*

Fig. 425. Heraldic Lions.
Passant guardant. Statant. Passant

Ermine fur

The term combines "**passant**,"
meaning <u>walking</u>,
with "**guardant**,"
indicating the head is turned to <u>face forward</u>.
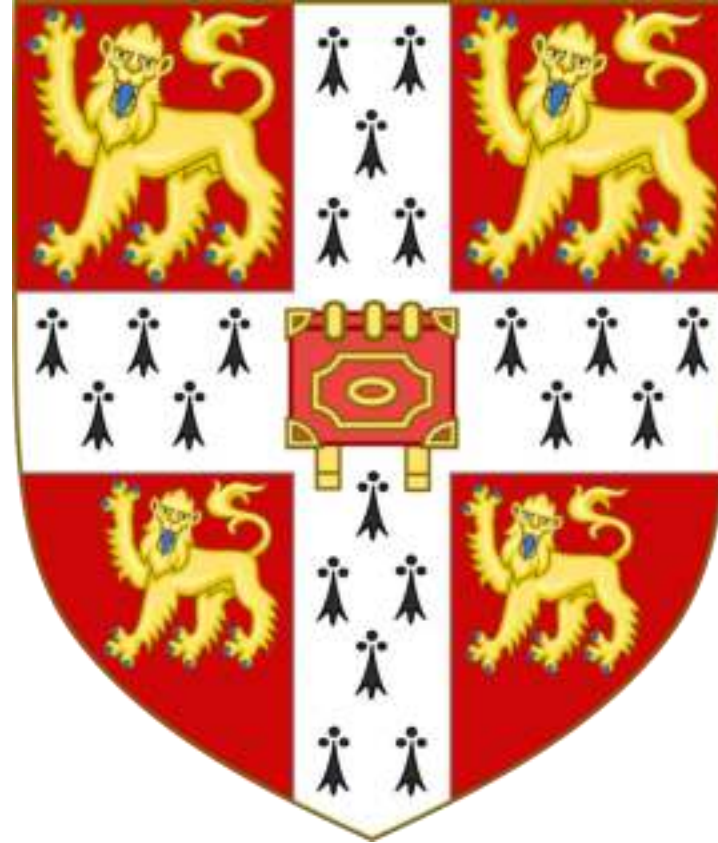
Element	Heraldic Term	Meaning
Gold lions (4)	Lions **passant guardant**	Royal patronage, strength, courage, nobility
Red background	**Gules**	Military strength, energy
Cross of ermine	**Ermine fur** cross	Dignity, purity
Central closed Bible	Bible **fesswise**	Learning, faith, Christian tradition

Contents

SCHOLARSHIP SCHEME

ACADEMIC DEPARTMENT

COLLEGE: AN INTRODUCTION

APPLICATION PROCESS

Q & A

Scholarship value

Each Scholarship awarded will generally be sufficient to cover fees, tuition, the cost of books and equipment, board and lodging (preferably on a living-in basis where this is available at the University), and reasonable living expenses and travel expenses to and from the University at the beginning and at the end of the course for which the Scholarship is awarded.

The Scholarship will include:

- university tuition fees payable directly to the University;
- college fees excluding board and lodging payable directly to the College;
- an annual stipend to cover board and lodging and all other incidental expenses
- the cost of the UK Immigration Health Surcharge; and
- a standard economy class airfare to be reimbursed at cost to the Scholar from the place of residence to the United Kingdom at the beginning of the Scholarship and for the return journey to the place of residence on completion of the Scholarship period.

Full–ride for 3-4 years.

Choosing Your <u>Academic</u> **Department**

Lecturing and practical

化学工程 Chemical Engineering

计算机科学 Computer Science

经济学 Economics

工程学 Engineering

数学 Mathematics (Maths with Physics)

自然科学（生物/物理）Natural Sciences (Biological / Physical)

Theory-focused,

with *applied* skills interleaved.

Data from 2022

Term dates

Term	Typical Dates	Description
Michaelmas Term	Early October – Early December (8 weeks)	First term
Lent Term	Mid-January – Mid-March (8 weeks)	Second term
Easter Term	Mid-April – Mid-June (4-6 weeks + exams)	Third term; final exams

https://www.cam.ac.uk/about-the-university/term-dates-and-calendars

Tripos examination system

Feature	Description
What is Tripos?	Cambridge's honours degree system, including courses and final examinations.
Origin	Named after the three-legged stool used in oral exams in the 15th century.
Structure	Split into parts: Part IA (Year 1), IB (Year 2), II (Year 3), III (Year 4, optional).
Assessment	Written exams, coursework, practicals (varies by subject).
Degree Outcome	Classified as First, 2:1, 2:2, Third, Pass, or Fail.
Flexibility	Some parts allow switching subjects or combining disciplines.
Part III	Optional advanced year in some subjects (e.g., Maths, Engineer, CS, NST, etc), leads to Master's degree.

https://www.camdata.admin.cam.ac.uk/structure-undergraduate-courses-cambridge

Mathematical Tripos

Code	Meaning
α	Excellent marks (~16–20/20)
β	Good answer (~10–15/20)
γ	Poor answer (~5–9/20)
δ	Very poor (~1–4/20)
ε	Worthless or blank (0/20)

Class	Title
Class I	Wranglers
Class II	Senior Optimes
Class III	Junior Optimes

https://en.wikipedia.org/wiki/Mathematical_Tripos

Part IA 2013

Class	Sufficient condition	Borderline candidates	
1	$30\alpha + 5\beta + m - 120 > 727$	731/391,14,8	732/377,15,5
2.1	$15\alpha + 5\beta + m > 480$	481/311,7,13	483/303,9,9
	$15\alpha + 5\beta + m > 384$	385/245,6,10	385/265,5,9
	$2\alpha + \beta > 12$	250/180,1,11	262/182,3,7

2012

Sufficient condition	Borderline candidates

My **academic** experience

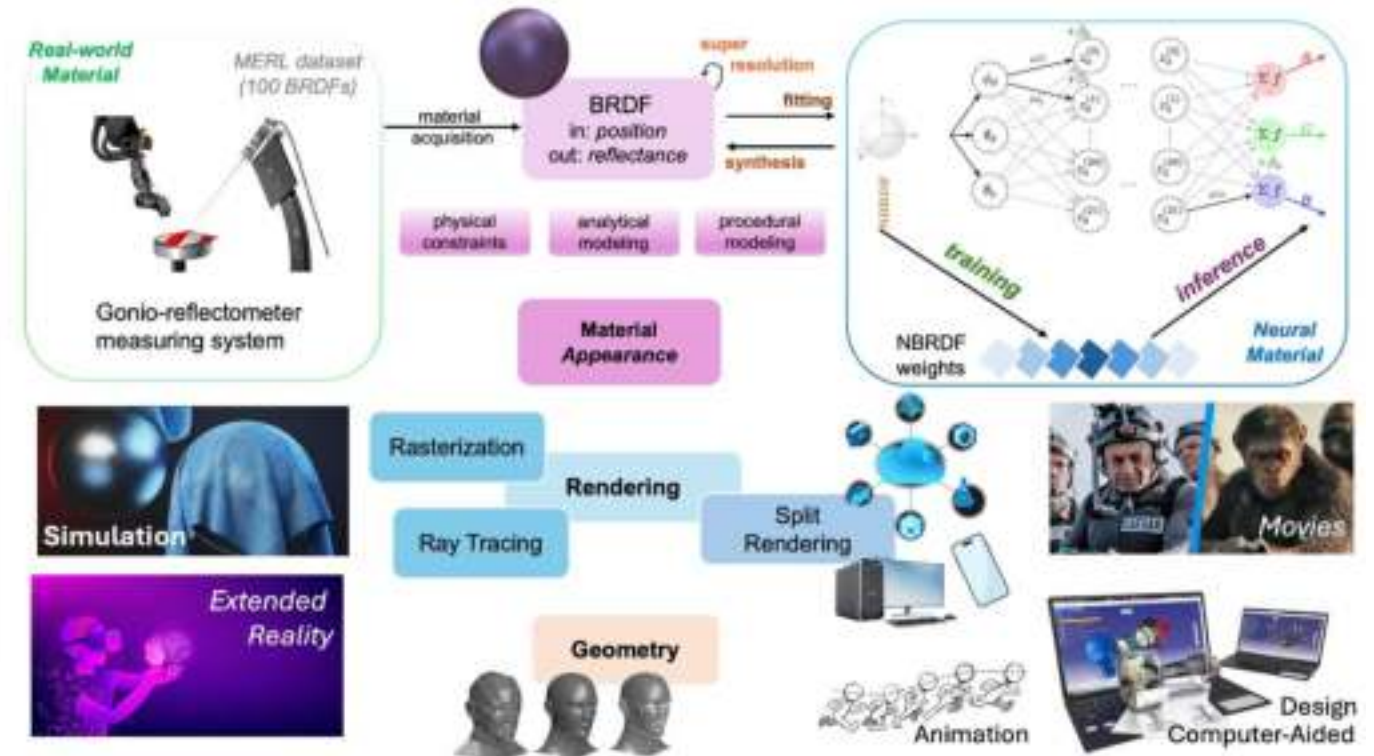Sponza scene from adapted GLSL path renderer, forming GBuffer for further explorations.

Figure 1.1: Material apperance and its relation to Computer Graphics and applications.

NeuMaDiff: Neural Material Synthesis via Hyperdiffusion
https://arxiv.org/abs/2411.12015

Cambridge Open Reality and Visual AI (CORE) Lab

Downing 1800

Trinity 1546

Peterhouse 1284

Magdalene 1428

College: An Introduction

Inside the College

- First court | Second court
  - Fellow garden | Map

What is a College?

Living and friends

- Accommodation, catering,
- Society,
- Well-being,
- Church, etc.

Supervision (individual learning)

- 1 expert vs. around 2-4 students.

Accommodation

Churchill college

Meals and Formal

Well-being and Chapel

Sunday,
matriculation, graduation,
a place for hearing, etc.

King College

RIBA Award Winners

Magdalene

May ball

Supervision

Shopping

Application process

- English qualifications:
  - IELTS 7.5, with each sub-module 7.
- Gaokao test score, University admission letter.
- Several rounds of interviews (from Shuping and/or Jardine).
  - Why studying this **major** in **Cambridge**?
  - Talk about your <u>interests</u>, <u>extracurricular</u> activities, <u>community</u> contributions.
  - What's your *future* visions, plans?
  - **Academic** interview: a mimic of supervision system.
    - This will be a bit **interactive**—feel free to **think** out **loud** as it goes.
- **UCAS** application: personal statements, letter of recommendation.
- [Final] Visa, flight, preparation, etc.
- Please **enjoy** the process along the way~
  - e.g., from the above steps or our sharing talk!

Universities and **C**olleges **A**dmissions **S**ervice

...colleges, then working on your personal statement and ask the referee for a letter of recommendation.

SEPTEMBER
2 Take a required test for your chosen course

OCTOBER
3 Submit your UCAS application before the deadline

NOVEMBER
4 Prepared any written work and submit it to your chosen college before the deadline

DECEMBER
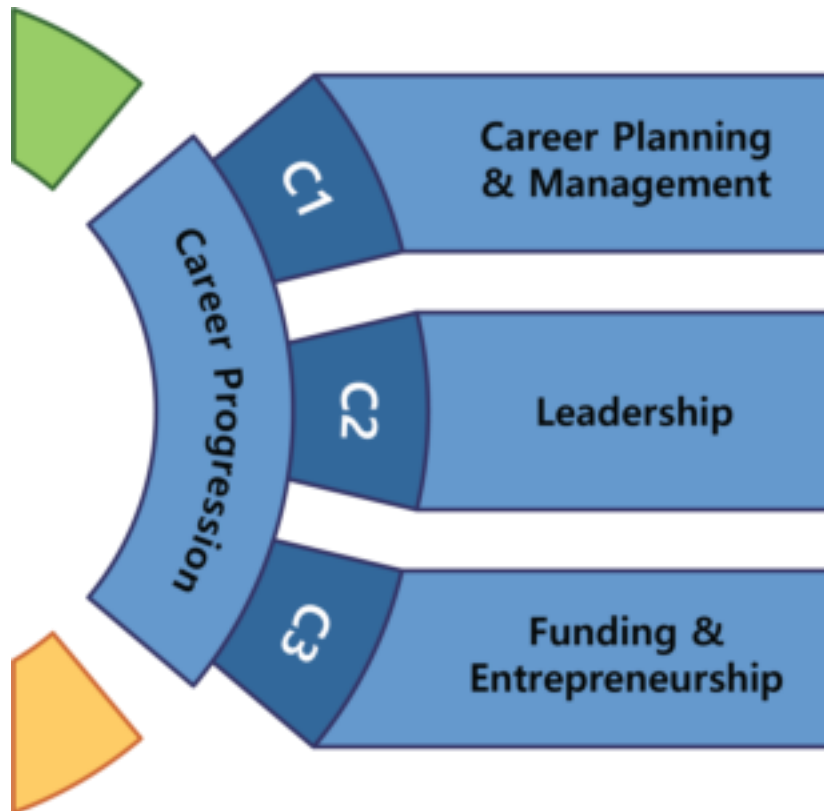**5** Shortlisted candidates are invited for interviews.

JANUARY
6 Admissions decisions are made and offers are sent out.

Life **After** Cambridge

Q & A

Happy to take any questions
— Thank you!