FOR THE LOVE OF LEARNING SINCE 1597

FREE LECTURES 2021–22

gresham.ac.uk
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GRESHAM COLLEGE LECTURES 2021–22

Gresham College has been providing free public lectures since 1597, when Sir Thomas Gresham founded the college to bring the “new learning” to Londoners. Today we carry on Sir Thomas’s vision, bringing some of the world’s most brilliant minds – from Professor Chris Whitty to Professor Joanna Bourke and Professor Alec Ryrie – to speak in fields ranging across the arts and sciences. You can watch ‘new learning’ to Londoners. Today we carry on Sir Thomas’s vision, bringing some of the world’s most brilliant minds – from Professor Chris Whitty to Professor Joanna Bourke and Professor Alec Ryrie – to speak in fields ranging across the arts and sciences. You can watch how everything from how to save to how to finance a company; Race, Colonialism and Power in the Legal System by Professor Leslie Thomas QC, which will explore the themes of 1971, the Brontó riots and judicial racism; The Misrule of Law by Professor Thomas Grant QC, and Infections and their Routes of Transmission by Professor Chris Whitty.

HOW NOT TO BE HUMAN: EXPLORING HUMANITY THROUGH SCIENCE FICTION; MORE POWERS OF THE NOVEL; GEOMETRY; THE MATHEMATICS OF ART

Visiting Professor Jim Endersby is back with a series, How Not To be Human: Exploring Humanity Through Science Fiction; and Visiting Professor John Mullan continues The Powers of the Novel, looking at Plot, Coincidences and Villains; we also have a short series on Books, Libraries and Civilisation, which includes a lecture by Professor Edith Hall, and a series on Geometry: The Mathematics of Art, by Professor Sarah Hart.

We look forward to welcoming you online or in person this year!

THANK YOU TO OUR SPONSORS

We are very grateful for the continued support of our sponsors, the City of London Corporation and the Mercers’ Company.

We would also like to thank the Frank Jackson Foundation, the Worshipful Company of Information Technologists, and the hundreds of others who have made donations to Gresham College this year. To find out more about making a gift, please visit page 3.

PROGRAMME SUMMARY

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Hire the historic Barnard’s Inn Hall for special events
Situated in a quiet courtyard between London’s City and the West End, our prestigious historic venue is ideal for meetings, lectures, parties and functions. Get in touch with hall-booking@gresham.ac.uk to find out more or visit our website gresham.ac.uk/hire-the-hall/
**ESSENTIAL INFORMATION**

**WATCH 2,500+ LECTURES ONLINE NOW**

We have over 2,500 lectures on our website that are ready to watch now and have transcripts to download. You can explore them by subject or speaker. For example, you’ll find some 30 lectures by Professor Chris Whitty, lectures by Professor Edith Hall on the Classics, Sir Jonathan Bate lecturing on Shakespeare and Wordsworth, and Emeritus Professor Jo Delahunty QC on family law and becoming a barrister.

**REGISTER FOR 2021–22 LECTURES**

All our lectures are free. We continue to live-stream our new lectures online in 2021–22 and will also be taking bookings for in-person attendance (for in-person only, booking opens two months ahead of each lecture; for online, you can register any time).

Please register via the lecture webpage – it’s fast and easy to do, and you will have an option to register for attending online or to attend in person. You can get updates from the College by signing up here:

gresham.ac.uk/newsletter

**ATTENDING IN-PERSON LECTURES**

All lectures are ticketed. Doors open 30 minutes ahead of the lecture and most lectures last an hour. Where there are seats available the last admission is 10 minutes after the start of the lecture. We do not allow people to save seats.

Lectures will be ticketed, with any returns available on the door. Registration normally opens 2 months ahead of the lecture date. We will over-issue tickets because of no-shows, so please be aware a ticket will not guarantee entry.

Please be ready to be seated at least 10 minutes before the start of the lecture. For most lectures, you can still turn up for returns on the door.

We will be working in accordance with government guidance; please consult the website for updated information.

**GET UPDATES FROM GRESHAM**

Sign up for updates via our email newsletter, or have our paper programme sent to you once a year:

gres.hm/programme

**SUPPORT US**

For more than 400 years, Gresham’s mission has been to provide access to high quality education and knowledge to all those who seek it. As Gresham receives no Government funding, it is thanks to the generosity of our supporters that we are able to provide this offering free of charge since 1597.

Open access to knowledge and education has never been more important than today. With your support, we will be able to extend our lecture programme to offer new ways of learning, both in person and online, and reach bigger and broader audiences than ever before.

If you are able to make a gift to support Gresham’s future, please do so by using the gift from on page 72, or online by visiting:

gres.hm/support

**HISTORY**

Gresham College was London’s first institute of higher education when it was founded in 1597 by Sir Thomas Gresham. Unusually for the time, Gresham lectures were free and given in both English and Latin – where most other higher education of the period was in Latin only – making it accessible to anyone who had the time to attend. It has been providing free education to the public ever since.

**CODE OF CONDUCT**

Read our code of conduct for lectures:

gres.hm/policy

**SCHOOL BOOKINGS**

gresham.ac.uk/schools

**CONTACT US**

e-mail: enquiries@gresham.ac.uk

**WATCH THIS SPACE: MORE LECTURES ON THE WAY**

We have some empty slots for topical lectures in 2021–22. Sign up for our newsletter or follow our social media handles to find out about new lectures.
**ASTRONOMY**

**COSMIC REVOLUTIONS**

**KATHERINE BLUNDELL**
GRESHAM PROFESSOR OF ASTRONOMY

**Early Universe**
6 pm Wednesday 29 September 2021
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**Atomic Universe**
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**Structures in the Universe**
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**Life in the Universe**
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**THE FRONTIERS OF KNOWLEDGE**

**ROBERTO TROTTA**
VISITING PROFESSOR OF COSMOLOGY

**Einstein’s Blunder**
1 pm Monday 15 November 2021
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**The Broken Cosmic Distance Ladder**
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**The Future of Life on Earth**
1 pm Monday 09 May 2022
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**ENVIROMENT**

**NATURAL CAPITAL AND THE WELLBEING ECONOMY**

**JACQUELINE MCGLADE**
FRANK JACKSON PROFESSOR OF THE ENVIRONMENT

**Redesigning the World to Put the Planet First**
6 pm Tuesday 05 October 2021
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**Nature’s Numbers: Natural Capital Accounting**
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**The Universal Value of Nature**
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**Innovators and Entrepreneurs in a Wellbeing Economy**
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**Supply Chains in the Wellbeing Economy**
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**Natural Prosperity and the Wellbeing Economy**
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**NATURAL WORLD: EXTINCTION, EXPLORATION AND ADAPTATION**

**Exploring the Deep Sea**
Kerry Howell
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**Coral Reefs in a Warming World**
Nick Graham
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**How Genetic Adaptation Helped Humans Colonise the Globe**
Aida Andrés
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**Going Viral: An Environmental Activist’s Story**
Nathan Robinson
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**Preventing the Extinction of Tropical Species**
Cristina Banks-Leite
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**Averting the Insect Apocalypse**
David Goulson
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**BUILT ENVIRONMENT**

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Loyd Grossman
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**Inigo Jones and the Architecture of Necessity**
Simon Thurley
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THE PRINCIPLES OF FINANCE

ALEX EDMANS
MERCERS’ SCHOOL MEMORIAL PROFESSOR OF BUSINESS

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6 pm Tuesday 21 September 2021
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How the Financial System Works
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How to Make Financial Decisions
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How to Measure and Manage Risk
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How to Value a Stock
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How to Finance a Company
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Does Philanthropy do the Public Good?
David King
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SEX: A MODERN HISTORY

JOANNA BOURKE
GRESHAM PROFESSOR OF RHETORIC

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Sex Work
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BOOKS, LIBRARIES AND CIVILISATION

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Robin Walker
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Ancient Greek and Roman Libraries
Edith Hall
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Richard Ovenden
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HISTORY & POLITICS

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Sarah Hainsworth
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Ludmilla Jordanova
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Jan Grabowski
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Blacks Britannica: Diversity in Medieval and Early Modern England
Onyeka Nubia
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Farah Karim-Cooper
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The Manuscripts and Intellectual Legacy of Timbuktu
Robin Walker
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| THREE CRISES OF CAPITALISM: THE GREAT DEPRESSION TO THE PRESENT       | **MARTIN DAUNTON**             | Barnard’s Inn Hall/Online           | 6 pm Wednesday 01 December 2021 |
| The Great Depression and ‘Embedded Liberalism’                      |                                 | See page 18                         |
| The Oil Shock and Neoliberalism                                      |                                 | See page 33                         |
| The Global Financial Crisis and COVID... What Next?                  |                                 | See page 41                         |
| STUART BRITAIN                                                       |                                 |                                    |
| The Spanish Culture of Charles I’s Court                             | **Simon Thurley**              | Barnard’s Inn Hall/Online           | 6 pm Wednesday 09 March 2022    |
| Going Global: James I and the Wider World                            | **Anna Whitelock**             | Barnard’s Inn Hall/Online           | 1 pm Tuesday 25 January 2022    |
| Life in a Revolutionary Decade in Britain (1649–1660)               | **Anna Keay**                  | Barnard’s Inn Hall/Online           | 1 pm Thursday 03 March 2022     |
| POLITICS                                                             |                                 |                                    |
| Europe’s Search for Sustainable Security                             | **Patricia Clavin**            | Barnard’s Inn Hall/Online           | 6 pm Monday 01 November 2021    |
| Brexit: What Have We Learned So Far?                                 | **Anand Menon**                | Barnard’s Inn Hall/Online           | 6 pm Wednesday 26 January 2022  |
## INFORMATION TECHNOLOGY

### SIX TECH INVENTIONS THAT CHANGED THE WORLD

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## LAW

### RACE, COLONIALISM AND POWER IN THE LEGAL SYSTEM

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## LITERATURE & MEDIA

### THE POWERS OF THE NOVEL

**JOHN MULLAN**  
VISITING PROFESSOR OF ENGLISH LITERATURE

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| Coincidences | Museum of London/Online  
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| Villains | Museum of London/Online  
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### HOW NOT TO BE HUMAN: EXPLORING HUMANITY THROUGH SCIENCE FICTION

**JIM ENDERSBY**  
VISITING PROFESSOR OF THE HISTORY OF SCIENCE

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| Women in Science Fiction | Barnard’s Inn Hall/Online  
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| Robots in Science Fiction | Barnard’s Inn Hall/Online  
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| Aliens in Science Fiction | Barnard’s Inn Hall/Online  
6 pm Monday 28 March 2022  
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### MEDIA: TRUST & SOCIETY

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Philip Howard  
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| What Can We Learn from Fakes? | Barnard’s Inn Hall/Online  
Patricia Kingori  
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| Breaking Democracy: Lies, Deception and Disinformation | Barnard’s Inn Hall/Online  
Andrew Chadwick  
6 pm Thursday 05 May 2022  
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| Investigative Journalism: A New Global Power? | Barnard’s Inn Hall/Online  
Hugo De Burgh  
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## MATHEMATICS

### GEOMETRY: THE MATHEMATICS OF ART

**SARAH HART**  
GRESHAM PROFESSOR OF GEOMETRY

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| The Maths of Beauty and Symmetry | Museum of London/Online  
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| The Surprising Uses of Conic Sections | Museum of London/Online  
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| The Incredible Sine Wave and Its Uses | Museum of London/Online  
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| Numbers in Different Languages and Cultures | Museum of London/Online  
Karine Chemla, Anuj Misra, Manuel Medrano  
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| Oxford’s Savilian Professors of Geometry: 400 Years On | Barnard’s Inn Hall/Online  
Robin Wilson  
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| The Maths of Gyroscopes and Boomerangs | Museum of London/Online  
Hugh Hunt  
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| Thomas Gresham Annual Lecture | Old Library, Guildhall/Online  
Roger Penrose  
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MEDICINE & NEUROSCIENCE

INFECTIONS AND THEIR ROUTES OF TRANSMISSION

CHRIS WHITTY
GRESHAM PROFESSOR OF PHYSIC

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Food- and Drink-Borne Diseases
6 pm Wednesday 24 November 2021
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Sexually Transmitted and Intravenous Infections
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Infections Which Use the Respiratory Route
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Infections That Use Touch to Transmit
6 pm Wednesday 23 March 2022
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The Future of Health Globally
6 pm Wednesday 18 May 2022
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The Evolution of Cancer Therapy
Eleanor Stride
6 pm Wednesday 16 February 2022
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NEUROSCIENCE: THE BRAIN AND THE MIND

Psychosis: Our Default Mental State?
Peter Woodruff
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The Neuroscience of Sleep and its Disorders
Guy Leschziner
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Is Dementia Inevitable?
Martin Rosser
6 pm Tuesday 5 April 2022
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MUSIC

MUSIC UNDER STALIN

MARINA FROLOVA-WALKER
GRESHAM PROFESSOR OF MUSIC

Modernism Rampant: Shostakovich and Mosolov
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How Can Music be ‘Socialist Realist’?
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Shostakovich on Trial: From Lady Macbeth to the Fifth Symphony
6 pm Thursday 13 January 2022
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Prokofiev the Soviet Artist
6 pm Thursday 10 February 2022
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Soviet Music in World War II
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LSO St Luke’s/Online
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The Year 1948 in Soviet Music
6 pm Thursday 19 May 2022
LSO St Luke’s/Online
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MUSIC AND EMOTION

JEREMY SUMMERLY
VISITING PROFESSOR OF MUSIC HISTORY

Nostalgia and Music
6 pm Thursday 16 September 2021
Barnard’s Inn Hall/Online
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Christmas Carols and Nostalgia
6 pm Thursday 09 December 2021
Barnard’s Inn Hall/Online
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Love and Music
6 pm Thursday 27 January 2022
Barnard’s Inn Hall/Online
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Humour and Music
6 pm Thursday 31 March 2022
Barnard’s Inn Hall/Online
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