

BRITISH SCIENCE FESTIVAL

This document lists all Award Lecture winners since 1990.

1990			
Charles Darwin Award Lecture	Ronald	Campbell	Hearts aflutter
Charles Lyell Award Lecture	Bruce	Webb	Testing the Waters: Results from the River Basin
Isambard Kingdom Brunel Award Lecture	Peter Bryanston	Cross	Technological three dimensional tools: Holography and digital imaging
Joseph Lister Award Lecture	Anthony	Anderson	Evaluating the effectiveness of computer-assisted learning
Lord Kelvin Award Lecture	Andrew	Mills	Photochemistry in Action

1991			
Charles Darwin Award Lecture	Mick	Fuller	Designer vegetables - using biotechnology to produce tomorrow's veg
Charles Lyell Award Lecture	Michael	Benton	The Dawn of Age of the Dinosaurs
Isambard Kingdom Brunel Award Lecture	Robert Angus	Buchanan	I K Brunel: engineer extraordinary
Joseph Lister Award Lecture	Ellen	Annandale	Malpractice litigation and health care in contemporary Britain: A sociological perspective
Lord Kelvin Award Lecture	Mark	Roberts	Spinning Stars and Vibrating Spheres

1992			
Charles Darwin Award Lecture	Adrian	Hill	Human Genes Fight Back
Charles Lyell Award Lecture	Martin	Bell	Experiments in Archaeology: what we can learn from the British Association Experimental Earthworks.
Isambard Kingdom Brunel Award Lecture	Alan	Murray	Synthetic neural networks - thinking machines or hot air?

Joseph Lister Award Lecture	D	Currie	Monetary and fiscal policy in monetary union
Lord Kelvin Award Lecture	George	Efstathiou	The Origin of Galaxies

1993			
Charles Darwin Award Lecture	Michael	Levin	The Continued Evolution of Childhood Diseases into the 21st Century
Charles Lyell Award Lecture	Nick	Brown	Tropical Rainforests Love a Crisis
Isambard Kingdom Brunel Award Lecture	David	Cliff	Artificial Intelligence or Artificial Insects
Joseph Lister Award Lecture			
Lord Kelvin Award Lecture	Peter	Murray-Rust	Molecular Modelling & Drug Design

1994			
Charles Darwin Award Lecture	Hugh CJ	Godfray	Evolution of Parent-Offspring Conflict
Charles Lyell Award Lecture	David	Livingstone	From Despotism to Guardianship
Dorothy Hodgkin Award Lecture	David	Thomas	Science, politics and the great desertification debate
Isambard Kingdom Brunel Award Lecture	Iain	Murray	Speaking to Machines
Joseph Lister Award Lecture	Christine M	Temple	Mathematical Difficulties in Childhood
Lord Kelvin Award Lecture	Bernard	Richardson	Good Vibrations: the Acoustics of Musical Instruments

1995			
Charles Darwin Award Lecture	Nancy Jane	Rothwell	Communication Between the Brain and the Immune System
Charles Lyell Award Lecture	Robert	Allison	The Dynamic Earth: Geohazards and Geocatastrophes
Dorothy Hodgkin Award Lecture	Robert	Logie	Human Memory, Scientific Theory & Everyday Life
Isambard Kingdom Brunel Award Lecture	Stephen	Watts	The Silicon Eye

Joseph Lister Award Lecture	James	Fleck	Innovation in Industrial Robots
Lord Kelvin Award Lecture	Stephen	Price & Dr Andrea Sella	Atoms, Electrons and Light

1996			
Charles Darwin Award Lecture	Carole M	Hackney	Hear? Hear? Hearing and Deafness
Charles Lyell Award Lecture	Juliet Ann	Vickery	Brent Geese: A conflict between conservation and agriculture
Dorothy Hodgkin Award Lecture	Peter	Thomas	Small is Beautiful: the Evolution of Personal Computers
Isambard Kingdom Brunel Award Lecture	Lynn Faith	Gladden	The Magnetic Eye
Joseph Lister Award Lecture	Stephen	Yearley	Understanding changes in the social authority of science: a comparison of the US and UK cases
Lord Kelvin Award Lecture	R S	Lehrle	Polymers, Peptides and Pondweed; The Simplicity of Complex Fluids

1997			
Charles Darwin Award Lecture	Penny	Handford	Molecular analysis of the Marfan syndrome: a tall story
Charles Lyell Award Lecture	John	Halley	Species extinction from the year 1680 to 70 million B.C
Dorothy Hodgkin Award Lecture	Joan	Leach	Speaking Scientists and other wonder
Isambard Kingdom Brunel Award Lecture	Robert	Stone	Making sense in the virtual world: industrial and scientific
Joseph Lister Award Lecture	Heidi	Mirza	Race, gender and IQ: the social consequences of a pseudoscientific discourse
Lord Kelvin Award Lecture	Adrian	McKemey	What to ask an alien

1998			
Charles Darwin Award Lecture	Caroline	Dive	Regulation of cell suicide in tumours and the search for New anticancer drugs
Charles Lyell Award Lecture	Jonathan	Raper	Time and Tide; understanding coastal change
Dorothy Hodgkin Award Lecture	Nick	Lieven	Technology and trust
Isambard Kingdom Brunel Award Lecture	Richard	Williams	A journey inside chemical engineering processes
Joseph Lister Award Lecture	Simon	Baron- Cohen	Mindblindness- A theory of Autism
Lecture	Sarah	Thompson	Designer magnetic materials

1999			
Charles Darwin Award Lecture	Laurence	Hurst	Why are there only two sexes
Charles Lyell Award Lecture	Andrew	Plater	Blind date- the importance of chronology in reconstructing the past
Dorothy Hodgkin Award Lecture	Helen	Moss	Semantic memory: the meaning in life
Isambard Kingdom Brunel Award Lecture	John	Pretlove	Giving robots the eye- The integration of virtual reality with robots for hazardous environments
Lord Kelvin Award Lecture			

2000			
Charles Darwin Award Lecture	Andrew	Millar	Natural timing: lights cameras, action
Charles Lyell Award Lecture	Sandra	Steacey	
Dorothy Hodgkin Award Lecture	Zen Andrew	Makuch	The wonders of Biotechnology: Pandora's Box?"
Isambard Kingdom Brunel Award Lecture	Paul	Younger	Engineering a Silk Purse from a Sow's Ear
Joseph Lister Award Lecture	Precilla	Choi	Flex appeal and sex appeal: femininity in health, sport and exercise
Lord Kelvin Award Lecture	Andrew	Liddle	Sizing up the Universe

2001			
Charles Darwin Award Lecture	Wendy	Bickmore	Putting the human genome on the map
Charles Lyell Award Lecture	Paul	Valdes	Modelling ancient weather
Dorothy Hodgkin Award Lecture	Martin	Westwell	Unravelling minds - the mysteries of Alzheimer's disease
Isambard Kingdom Brunel Award Lecture	Stephen	McKenna	Computers that watch us
Joseph Lister Award Lecture	Harvey	Whitehouse	Modes of Religiosity
Lord Kelvin Award Lecture	Samuel	Braunstein	Quantum teleportation

2002			
Charles Darwin Award Lecture	Tom	McLeish	If it wriggles its Biology....and if it doesn't work - its Physics!
Charles Lyell Award Lecture	Mark	Davies	Volcanoes
Dorothy Hodgkin Award Lecture	Mark	Lythgoe	Mapping perceptions with science and art

Isambard Kingdom Brunel Award Lecture	Trevor	Cox	Engineering Art - The science of acoustics
Joseph Lister Award Lecture	Richard	Wiseman	Mind Games: exploring the psychology of deception
Lord Kelvin Award Lecture	Janna	Levin	Is the Universe Infinite?

2003			
Charles Darwin Award Lecture	John	Parrington	The spark of life
Charles Lyell Award Lecture	Michael	Bentley	Antarctic ice shelf collapse: grim warning or business as usual?
Dorothy Hodgkin Award Lecture	Matthew	Genge	Countdown to asteroid impact: exploring the public face of Armageddon
Isambard Kingdom Brunel Award Lecture	Michael	Pycraft Hughes	We can rebuild them - how microengineering is changing medicine
Joseph Lister Award Lecture	Tom	Shakespeare	Can medicine solve the disability problem?
Lord Kelvin Award Lecture	Sarah	Dunkin	The planets! Exploring terrestrial worlds in our solar system

2004			
Joseph Lister Award Lecture	Mark	Griffiths	Slots of fun : The psychology of gambling addictions
Charles Darwin Award Lecture	Harry	Witchel	"The Chemicals of Pleasure: Good or Evil?"
Charles Lyell Award Lecture	Zoe	Adams	From Man to Maggot: the ultimate act of recycling
Isambard Kingdom Brunel Award Lecture	Adam	Crewe	"Surviving an Earthquake" – How can we design earthquake proof buildings?
Lord Kelvin Award Lecture	Graeme	Jones	Saturday Night Science

2005			
Charles Darwin Award Lecture	Seamus	Martin	Cell suicide, execution and downright murder - prolonging life by understanding death
Charles Lyell Award Lecture	Jason	Hall-Spencer	Ireland's hidden depths
Isambard Kingdom Brunel Award Lecture:	Tom	Reynolds	The future of civil aviation - the approach of the silent aircraft
Joseph Lister Award Lecture:	Emily	Finch	Life-swapping in cyber suburbia - the problem of stolen identity and the internet

Lord Kelvin Award Lecture	Robert	Walsh	Living with a star - a new encounter with our dynamic sun
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2006			
Charles Darwin Award Lecture	Matthew	Lambon Ralph	The case of the four-legged duck: investigations of concepts and meaning
Charles Lyell Award Lecture	Tim	Lenton	How stable is planet Earth?
Isambard Kingdom Brunel Award Lecture	Claire	Davis	The role of materials technology in sporting performance
Joseph Lister Award Lecture	Stefan	Fafinski	"Computer says no" : the social aspects of computer misuse
Lord Kelvin Award Lecture	Brian	Cox	The story of a 27km long machine and the fundamental building blocks of the Universe

2007			
Charles Darwin Award Lecture	Karen	Spencer	The evolution of chick chat: how the study of bird song can help us understand the origins of human speech
Charles Lyell Award Lecture	Jon	Copley	Seasons where the sun don't shine: chasing island hopping shrimps in the abyss
Isambard Kingdom Brunel Award Lecture	Tiziana	Rossetto	Why do earthquakes become disasters and what are engineers doing about it?
Joseph Lister Award Lecture	Rob	Jenkins	Identity and mistaken identity: face recognition in a surveillance society
Lord Kelvin Award Lecture	Roberto	Trotta	Does the Universe need numankind? The strange case of intelligent observers in the cosmos

2008			
Joseph Lister Award Lecture	Tim	Grant	Txt crimes, sex crimes and murder: the science of forensic linguistics
Charles Darwin Award Lecture	Hugo	Spiers	The Sat Nav in our brain
Charles Lyell Award Lecture	Neil	Ferguson	'Atishoo, Atishoo, we all fall down': predicting and controlling epidemics
Isambard Kingdom Brunel Award Lecture	Maggie	Aderin	Climate change: what space can teach us about planet Earth
Lord Kelvin Award Lecture	Pete	Vukusic	Evolutionary colour: understanding nature's use of light

2009			
Joseph Lister Award Lecture	Tracy	Alloway	The new IQ - working memory
Charles Darwin Award Lecture	Katie	Slocombe	Primate communication: links to human language?
Charles Lyell Award Lecture	Maria	Mcnamara	What rotting animals tell us about the history of life
Isambard Kingdom Brunel Award Lecture	Kerry	Kirwan	Lean, mean and green
Lord Kelvin Award Lecture	Alex	Murphy	Exploring the dark side of the Universe

2010			
Charles Darwin Award Lecture	Jessica	Grahn	Hit me with your rhythm schtick
Charles Lyell Award Lecture	Sarah	Bell	Watering thirsty cities
Isambard Kingdom Brunel Award Lecture	Mark	Young	Letting George do it. Are we overautomating our lives?
Joseph Lister Award Lecture	Nick	Lee	Fact and fiction about neuromarketing
Lord Kelvin Award Lecture	Suzie	Sheehy	The Big Bang dilemma

2011			
Charles Darwin Award Lecture	Laura	Waters	Do we still need animal testing to make our drugs safe?
Charles Lyell Award Lecture	Deborah	Harvey	Why ginger takes the biscuit in helping save the stag beetle
Isambard Kingdom Brunel Award Lecture	Akram	Alomainy	The magic of Harry Potter! Can we make cloaking a reality?
Joseph Lister Award Lecture	Alex	Braithwaite	Measuring the threat of terrorism
Lord Kelvin Award Lecture	Andrew	Pontzen	What is cold dark matter - and is it heating up?

2012			
Lord Kelvin Award Lecture	Ian	Bastow	Exploring the innards of the Earth using seismology
Isambard Kingdom Brunel Award Lecture	Tim	Drysdale	The ethics and technology of seeing through clothes
Charles Lyell Award Lecture	Victoria	Herridge	WHAT DO DWARF ELEPHANTS HAVE TO DO WITH CLIMATE CHANGE?
Charles Darwin Award Lecture	John	Hutchinson	The surprising secrets of giant land animals: Insights from dinosaurs and elephants
Joseph Lister Award Lecture	Essi	Viding	Why do some people become psychopaths?

2013			
Lord Kelvin Award Lecture	Nick	Hawes	Robots and Humans: When two societies meet
Isambard Kingdom Brunel Award Lecture	Bryce	Dyer	Prosthesis, disability and the role of technology in elite sport
Charles Lyell Award Lecture	Jon	Houghton	Blue seas research: predators and prey in an ever-changing system
Charles Darwin Award Lecture	Michael	Sweet	Coral Reefs and the Grim Reaper
Joseph Lister Award Lecture	Hayley	Fowler	Climate change, extreme rainfall and flooding: what is happening to our weather

2014			
Isambard Kingdom Brunel Award Lecture	Christian	Rutz	Of crafty crows and space shuttles
Charles Lyell Award Lecture	Rossa	Brugha	Sooty city is horrific our air is atrocious
Charles Darwin Award Lecture	Lisa	Collins	What can maths tell us about how an animal is feeling
Margaret Mead Award Lecture	Troy	Sternberg	Climate hazards in a globalised world: Chinese drought, bread and the Arab spring
Rosalind Franklin Award Lecture	Ineke	De Moortel	Our dynamical sun: a 21st century view

2015			
Isambard Kingdom Brunel Award Lecture	Radu	Sporea	The coming of age of plastic electronics
Charles Lyell Award Lecture	Hazel	Gibson	The invisible world below your feet: fracking, geology and you
Charles Darwin Award Lecture	Katherine	Woolf	Game of clones: why should we care if our friends are similar to us?
Margaret Mead Award Lecture	Jill	Stuart	Who owns outer space?
Rosalind Franklin Award Lecture	Ian	Chapman	How do you solve a problem like nuclear power?
Daphne Oram Award Lecture	Alex	McLean	Live coding: creating languages for making music
Jacob Bronowski Award Lecture	Julie	Wertz	The secret chemistry of art: unravelling an age-old textile mystery

2016			
Isambard Kingdom Brunel Award Lecture	Rob	Malkin	The acoustics of nature
Charles Lyell Award Lecture	Tamsin	Edwards	Place your bets: the collapse of the Antarctic ice sheet
Charles Darwin Award Lecture	Carolyn	McGettigan	The Voice

Margaret Mead Award Lecture	Sarah	Bate	Are you a super-recogniser?
Rosalind Franklin Award Lecture	Adam	Kucharski	The calculus of contagion
Daphne Oram Award Lecture	Becky	Stewart	The emergence of e-textiles
Jacob Bronowski Award Lecture	Daisy	Fancourt	Can music change our immune system?

2017			
Isambard Kingdom Brunel Award Lecture	Richard	Middlemiss	Saving the world with microscopic gravity sensors
Charles Lyell Award Lecture	Rebecca	Williams	Deadly clouds and volcanic flows
Charles Darwin Award Lecture	Pankaj	Chandak	From kings to keyholes: surgical innovation in organ transplantation
Margaret Mead Award Lecture	Harriet	Over	A future divided?
Rosalind Franklin Award Lecture	Imogen	Riddell	The mighty unsung molecules
Daphne Oram Award Lecture	Joanne	Armitage	Can you feel the music?
Jacob Bronowski Award Lecture	Emily	Cross	Getting in the neural groove

2018			
Isambard Kingdom Brunel Award Lecture	Gemma	Bale	Shedding light on baby brain injury
Charles Lyell Award Lecture	Heidi	Burdett	Resilient reefs
Charles Darwin Award Lecture	Emma	Yhnell	Hunting for a treatment to Huntington's
Margaret Mead Award Lecture	Oli	Williams	The weight of expectation
Rosalind Franklin Award Lecture	Laura	Bonnett	In the driving seat: what's the risk with epilepsy?
Daphne Oram Award Lecture	Claire	Burke	Can astronomy save Earth's species?
Jacob Bronowski Award Lecture	Mirjam	Brusius	Why trust a photograph?

2019			
Isambard Kingdom Brunel Award Lecture	Jessica	Boland	Smaller, better, smarter
Charles Lyell Award Lecture	Mohammed	Jawad	Unwell in unrest
Charles Darwin Award Lecture	Diva	Amon	The dark heart of the ocean
Margaret Mead Award Lecture	Nikki	Power	A life or death decision

Rosalind Franklin Award Lecture	Sarah	Rugheimer	Are we alone in the Universe?
Daphne Oram Award Lecture	Stuart	Higgins	Pocket blood tests
Jacob Bronowski Award Lecture	Laura	Tisdall	When children became evil

2020			
Isambard Kingdom Brunel Award Lecture for engineering, technology and industry	Meera	Joshi	Health watch: sensing infection
Charles Lyell Award Lecture for environmental sciences	Dani	Rabaiotti	Finding hot dogs
Charles Darwin Award Lecture in agricultural, biological and medical sciences	Richard	Tyser	The heart of the matter
Margaret Mead Award Lecture for social sciences	Carolyn	McNabb	The one about friendship
Rosalind Franklin Award Lecture for physical sciences and mathematics	Euan	Allen	Honey, I shrunk the computer
Daphne Oram Award Lecture for digital innovation	Xinyuan	Wang	Me and my smartphone
Jacob Bronowski Award Lecture for science and the arts	Chris	Pak	Sci-fi: changing the world

2021			
Award Lecture for engineering, technology and industry	Rox	Middleton	The secrets of nature's shimmer
Award Lecture for environmental sciences	Donald	Slater	Are polar ice sheets on the rocks?
Award Lecture in agricultural, biological and medical sciences	Yolanda	Ohene	A window into the brain

Award Lecture for social sciences	Laura	Lammasniemi	Sexual consent: looking back at the law
Award Lecture for physical sciences and mathematics	XinRan	Liu	Searching for the invisible
Award Lecture for digital innovation	Edmund	Hunt	Robot Swarms
Award Lecture for science and the arts	Louise	Hickman	Crip AI: towards disability-led design

2022			
Award Lecture for engineering, technology and industry	Amit	Pujari	Good vibrations
Award Lecture for environmental sciences	Joanna	Sadler	Plastics: villain or vanillin?
Award Lecture in agricultural, biological and medical sciences	Charlotte	Krahé	How others shape our pain
Award Lecture for social sciences	Zainab	Naqvi	How do we belong?
Award Lecture for physical sciences and mathematics	Maria-Theresia	Walach	Decoding the Northern Lights
Award Lecture for digital innovation	Mohsen	Mosleh	Fighting fake news
Award Lecture for science and the arts	James	Andean	Stories of sound

2023			
Award Lecture for engineering, technology and industry	Sophie	Morse	Breaking into the brain
Award Lecture for environmental sciences	Tomos	Jones	Triffids: limited to fiction?
Award Lecture in agricultural, biological and medical sciences	Pooja	Swali	Stories from our skeletons
Award Lecture for social sciences	Bérengère	Digard	Autistic people & the languages nobody knows they speak

Award Lecture for physical sciences and mathematics	Alexandra	Amon	Rethinking our Universe
Award Lecture for digital innovation	Angela	Thornton	Mind Uploading: Science fiction or just science?
Award Lecture for science and the arts	Alice	Thickett	Building a genetic collage

2024			
Award Lecture for engineering, technology and industry	Chenyang	Liu	Origami robotics
Award Lecture for environmental sciences	Tim	Lamont	Generation restoration
Award Lecture in agricultural, biological and medical sciences	Sabrina	Li	Turning pixels into policy
Award Lecture for social sciences	Diana	Teggi	Caring about those who care
Award Lecture for physical sciences and mathematics	Nick	Werren	Making sense of nature's mess
Award Lecture for digital innovation	Liam	Collins-Jones	Neuro-sery rhymes
Award Lecture for science and the arts	Rosie	Poebright	Wild Audiences

2025			
Award Lecture for engineering, technology and industry	Bryony	Buck	Hearing the bigger picture
Award Lecture for environmental sciences	Katie	Reilly	What's in our water and should we be worried?
Award Lecture in agricultural, biological and medical sciences	Tom	Wingfield	Fighting poverty and stigma to defeat TB
Award Lecture for social sciences	Rebecca	Evans	Game on, snack more
Award Lecture for physical sciences and mathematics	Alex	Baker	Synthetic antibodies, from snakebites to Covid-19
Award Lecture for digital innovation	Ilyena	Hirskyj-Douglas	How do we build the animal internet?

Award Lecture for science and the arts	Rae	Gillibrand	Prosthetics: Past, present, future
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