



# TOURING EXHIBITIONS

SCIENCE MUSEUM GROUP

SCIENCE  
MUSEUM

National  
Media  
Museum



National  
Railway  
Museum

MUSEUM OF  
SCIENCE &  
INDUSTRY



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Clockwise from left: Science Museum, Museum of Science & Industry, National Railway Museum, National Media Museum



## ABOUT US

The Science Museum Group (SMG) is devoted to the history and contemporary practice of science, medicine, technology, industry and media. With over 5 million visitors each year, and an unrivalled collection, it is the biggest alliance of science museums in the world. The SMG family incorporates the Science Museum in London, the Museum of Science & Industry in Manchester, the National Railway Museums in York and Shildon and the National Media Museum, Bradford.

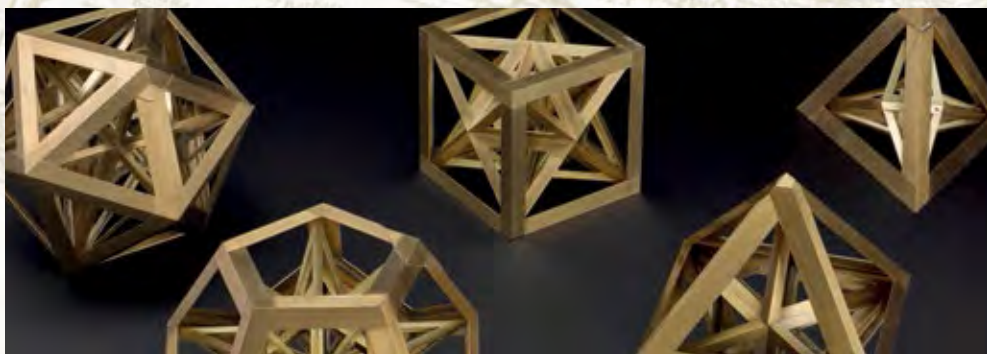
Inspiring exhibitions from across our sites are now available to hire and display at your venue. We tour three different types of exhibition:

- Turnkey exhibitions – we provide all the physical assets required for the exhibition including the objects, cases, set-works, and audiovisual and lighting equipment.
- Curated collections – we provide a curated collection of historic objects and interpretation that you can adapt into your own display.
- Blueprint Packs – we provide a Blueprint Pack enabling you to produce your own tailored contemporary science exhibition.

Further details on the SMG touring exhibitions programme can be found on our website: [sciencemuseum.org.uk/touringexhibitions](http://sciencemuseum.org.uk/touringexhibitions)







# SCIENCE AND SPLENDOUR

## TREASURES FROM THE COURT OF KING GEORGE III

The King George III Collection at the Science Museum is one of the most comprehensive surviving assemblies of 18th-century scientific instruments and apparatus. Now, for the first time, this invaluable curated collection is available to tour.

King George III was the first British monarch to receive lessons in areas such as physics, chemistry, astronomy and mathematics. His genuine interest in science and recognition of the importance

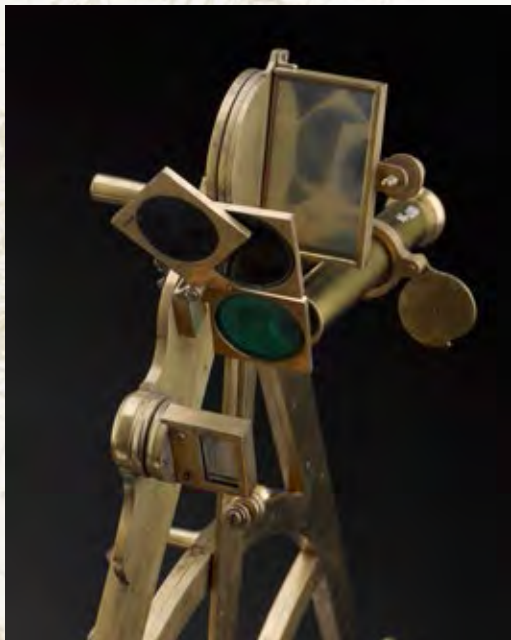
of experiment and demonstration are clearly reflected in the instruments he collected and commissioned. On ascending the throne at the age of 22 in 1760, George III inherited spectacular apparatus which belonged to his grandfather and father. But he was also keen to build his own collection. In the 1760s George Adams, an exceptional maker of long-standing repute, was commissioned by the king to make a set of instruments, which he accompanied with a written course of pneumatics and mechanics.



## A COLLECTION FIT FOR A KING

These instruments and apparatus form the heart of this exhibition, which is supplemented by additional artefacts from the Science Museum's extraordinary collections. Together, they present a striking illustration of the range of scientific enquiry in this period, and the skills of London's instrument-makers.

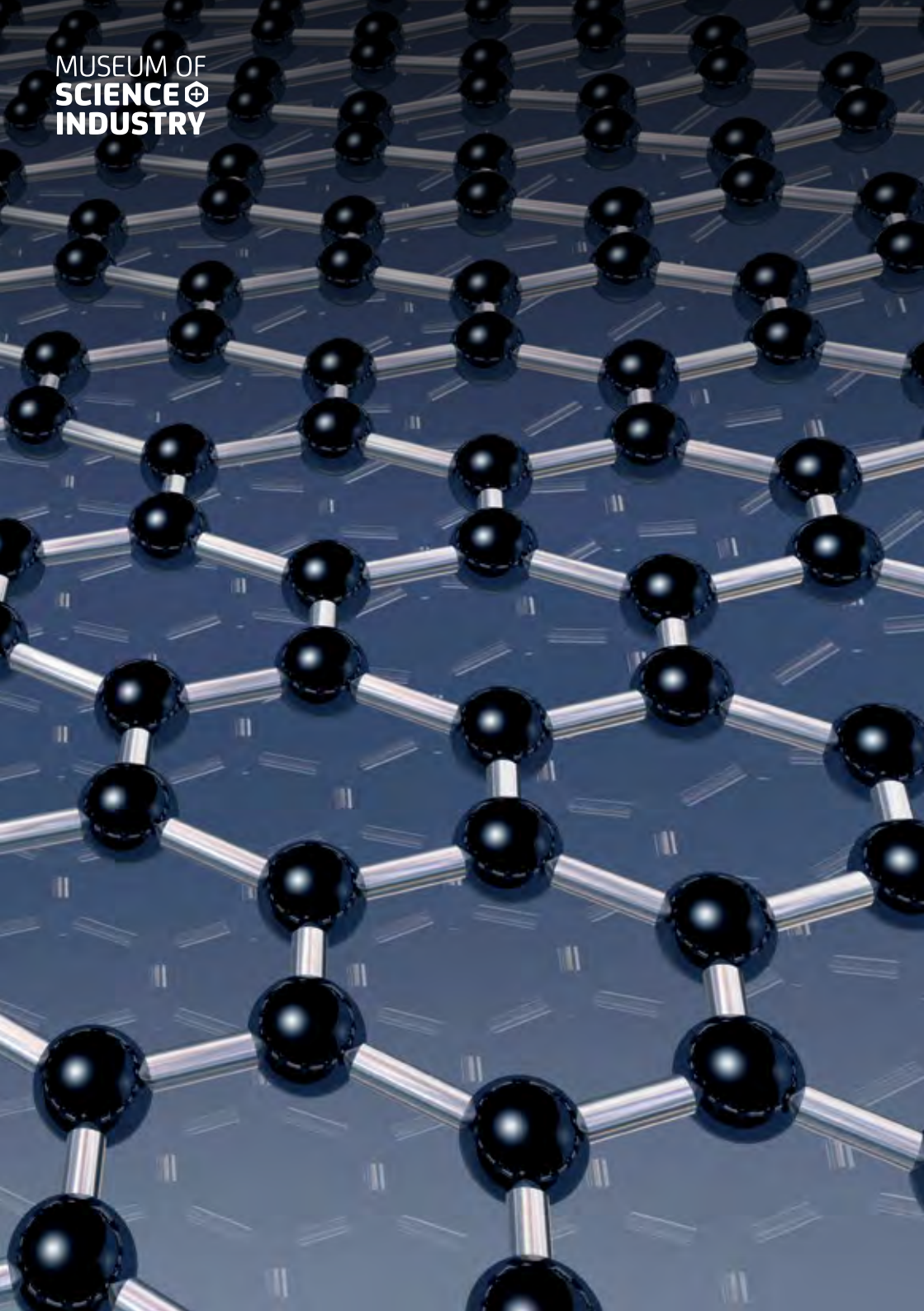
This exhibition of around 130 beautiful objects provides a glimpse of the importance attributed to the experimental method, and the wide public enthusiasm for new scientific ideas, as seen through the eyes of the young George III.



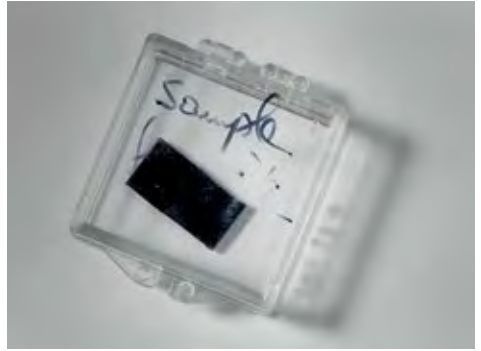




MUSEUM OF  
**SCIENCE**   
**INDUSTRY**







# WONDER MATERIALS

## GRAPHENE AND BEYOND

Graphene is the wonder material that can be made by drawing with a pencil. It is just one atom thick, yet it is the strongest, lightest and most conductive material on Earth. Since the world's first two-dimensional material was first isolated in 2004, graphene has captured the attention of scientists, researchers and industry worldwide. It has triggered a global surge in research into a whole new realm of two-dimensional wonder materials that have the potential to transform the lives of almost everyone.

Looking into the past, present and future, this turnkey exhibition brings these miracle materials to life, taking visitors on an immersive journey inside laboratory clean rooms and stimulating learning environments. Through a creative blend of researcher interviews, artistic commissions and forward-thinking product design, visitors are encouraged to question how these wonder materials can change their world.

# ROBOTS

Find out what it means to be human... from robots.

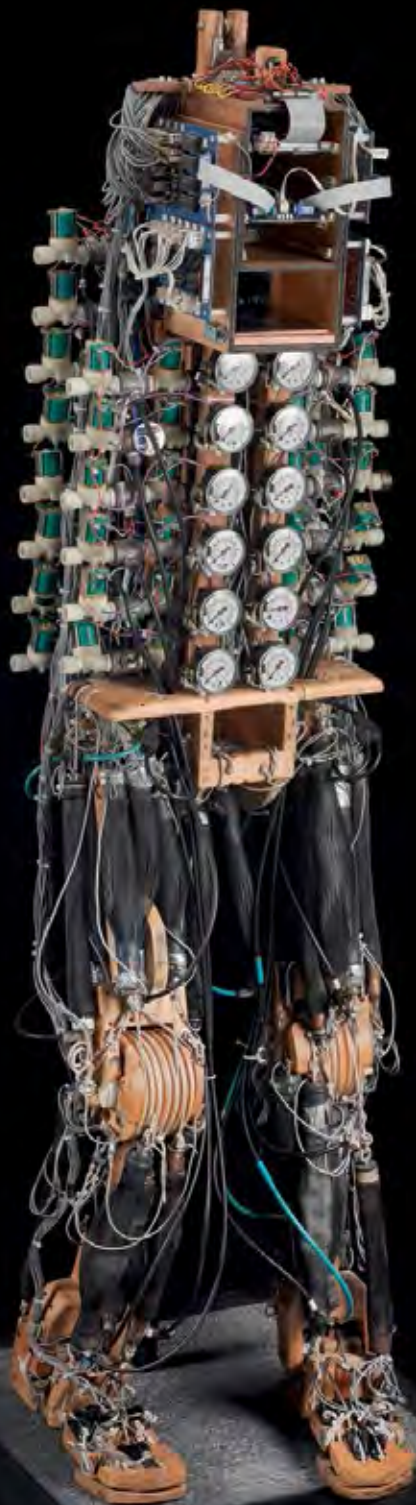
Art, portrait and sculpture have long been used to mirror ourselves, but so have mechanised men and women.

Throughout history these wondrous machines have left humans awestruck. Robots always seemed alive, and now they are becoming increasingly human, learning from mistakes and expressing emotions. By imagining and reconstructing our bodies and minds as robots, we discover what amazing machines we are. But as robots mirror our humanity, they also offer deep insights into how we have rationalised our technological ambitions, our sense of wonder at ourselves, and our position in a rapidly changing world.

This turnkey exhibition brings together a unique collection, from miraculous mechanical monks of the 16th century to the latest humanoids hot out of the lab. Come and see astounding automata, fabulous 1950s humanoids, a talking head and your new workmate, along with uncanny robot actors. Are we on track to a science-fiction future? Will the cutting-edge robots cut it for you?

Explore the past and look into the future...  
What are your fears and dreams for robots and humans in the 21st century?







# NATURE CAMERA ACTION!

The deepest oceans, the coldest continents, the most fearsome animals – wildlife film-makers and photographers have faced them all in pursuit of the perfect shot. *Nature Camera Action!* goes behind the scenes to show how incredible footage and images of nature have been produced over the past 150 years, and gives tips and ideas for families to create their own films and photos.

Featuring the work and experiences of broadcasters such as David Attenborough (*Blue Planet*, *Frozen Planet*) and Steve Backshall (*Deadly 60*), plus celebrated photographers and film-makers including W H F Talbot, Stephen Dalton, Herbert Ponting, Cherry Kearton and Percy Smith, this family-focused exhibition demonstrates how capturing the lives of insects, plants and wild animals in their own habitat has been a constant source of fascination since the earliest days of photography and moving pictures.

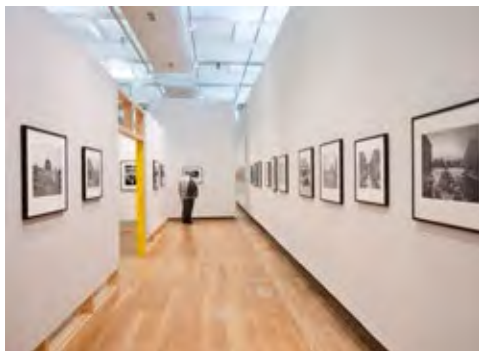
Split into several sections – ‘On Safari’, ‘In the Dark’, ‘Underwater’, ‘On the Ice’, ‘In the Undergrowth’ and ‘In the Air’ – the curated collection demonstrates how specific photographic technology and techniques, such as high speed, time lapse, thermal imaging and camera traps, have been used to great effect in various environments around the world. It also reveals the innovation of film production companies who have developed specialised techniques and equipment to bring the natural world to our screens.





Left: *Blackpool, 1968* by Tony Ray-Jones  
© National Media Museum





# ONLY IN ENGLAND

**PHOTOGRAPHS BY TONY RAY-JONES AND MARTIN PARR**

Fascinated by the eccentricities of English social customs, Tony Ray-Jones spent the latter half of the 1960s travelling across England, photographing what he saw as a disappearing way of life.

Curated by Martin Parr and Greg Hobson, this exhibition features an unprecedented number of Ray-Jones photographs showcasing the brief yet prolific life and practice of this seminal photographer. The exhibition provides a fresh look at Ray-Jones's work, exploring the specific influences of historical and cultural precedents.

Tony Ray-Jones's photographs are now seen alongside Parr's first major body of work, made in the Calder Valley in West Yorkshire between 1975 and 1979. This curated collection of over 170 images, notebooks, book dummies, contact sheets, magazines and correspondence forms a new touring exhibition which demonstrates the close relationships between the works of these two important photographers.



Supported using public funding by  
**ARTS COUNCIL  
ENGLAND**

# COLLIDER

## STEP INSIDE THE WORLD'S GREATEST EXPERIMENT

'God' particles, time travel, big bangs and mini black holes...

Come on a journey inside the largest scientific experiment ever constructed. Buried deep under the border between Switzerland and France, CERN's Large Hadron Collider is the work of 10,000 men and women from across the globe, united in their quest to uncover the fundamental building blocks of our universe.

This immersive turnkey exhibition blends theatre, video and sound art with real artefacts from CERN, recreating a visit to the famous particle physics laboratory. We take you behind the scenes to witness the uncovering of the Higgs boson, explore the 27 km collider and its cathedral-sized detector caverns, and discover how studying the subatomic world can point the way to a fuller understanding of our universe.

See history being made. Meet engineers who build the impossible. Walk the tunnels of CERN. Stand in the heart of a collision. Witness a moment of discovery.

Step inside the world's greatest experiment...







# BLUEPRINT PACKS

Welcome to a new way to hire a Science Museum exhibition. Avoid costly shipping and waiting for content by using our Blueprint Packs to produce your own contemporary science exhibition.

Our new Blueprint Packs give a venue our content, concept, designs and meticulously researched IP so you can reproduce the exhibition in a way that allows you to take our research and ideas in new and exciting directions.

Blueprint Packs enable you to produce or source all the physical elements for the exhibition, by printing them yourself and also by creating contacts in local industry to build partnerships and unique sponsorship opportunities. This allows you to create a bespoke exhibition for your space, tailored to the locality to resonate with your audience and provide a unique display. You could choose to replicate the Science Museum display, use elements of it to create a dramatic departure from the original, or scale it up to be as big and bold as your space allows.

Packs include the designs, research content, videos, interviews and programming ideas for you to produce your very own exhibition with no expensive shipping, no insurance cost and no environmental concerns. By taking our blueprints and developing them into your own exhibition you can feature new or local stories, knowing that you have the reassurance of the high standards of the Science Museum's exhibition at its core.

Work in partnership with the Science Museum in London to create a unique exhibition never before seen and never again repeated!

The subject of our first Blueprint Pack is *3D: Printing the Future*. Other future packs could include *Cravings: Can Your Food Control You?*, *Pain Less: The Future of Pain Relief* and an upcoming exhibition on big data.





# 3D: PRINTING THE FUTURE

## BLUEPRINT PACK

Imagine a world without limits, where any object can be produced at the drop of a hat.

Discover how innovators use 3D printers to turn computer data into physical objects that could change your life. The exhibition displays an explosion of over 600 printed objects, revealing how 3D printers inspire creativity and ground-breaking design.

Recent advances in 3D printing mean that more people than ever can make their ideas real. This burst of creativity has created

millions of interesting things – some of them could even change your life. No wonder 3D printing is always in the news. But are the stories accurate, or even true? Let us guide you around the hype of 3D printing, as we reveal this technology's real-life potential.

Following the success of the London display *3D: Printing the Future* is now available to hire in the form of a Blueprint Pack allowing you to print your own exhibition.







## **CONTACT**

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Exhibitions, please contact:

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