

**Millennium Gallery**  
MuseumSheffield



# LEONARDO DA VINCI

A  
LIFE IN  
DRAWING

**Free Talks and Events**  
In partnership with



ROYAL  
COLLECTION  
TRUST



The  
University  
Of  
Sheffield.

Leonardo da Vinci was arguably the greatest artist that ever lived. This spring, **12** of his most extraordinary drawings from the Royal Collection are on display in Sheffield as part of a major nationwide exhibition marking the **500<sup>th</sup>** anniversary of his death.

Join us for a programme of free talks and events at the Millennium Gallery and see Leonardo's genius brought to life through world-class research by academics at The University of Sheffield.

### **The Power of Drawing**

#### **GALLERY TALK**

**With Simon Chadwick**

**Thu 11 Apr, 6–6.45pm**

Join Simon Chadwick from the School of Architecture at the University of Sheffield to hear about how drawing can be a tool for invention, exploration and discovery. Simon will explore how Leonardo da Vinci used drawing to test his theories, and how contemporary architects and designers may learn from the inherent power within the practice of drawing.

### **Leonardo da Vinci and the Physics of Fluids**

#### **GALLERY TALK**

**With Dr Elena Marensi**  
**Thu 11 Apr, 7–7.45pm**

Leonardo da Vinci already understood the importance of fluid mechanics more than **500** years ago. Dr Elena Marensi from the School of Mathematics will use Leonardo's sketches to illustrate his most pioneering discoveries in fluid mechanics, explaining them in the context of his time and in light of what we know today.

### **Leonardo the Musician**

#### **LUNCHTIME TALK**

**With Dr Tim Shephard**

**Thu 25 Apr, 1–1.45pm**

How is a drawing like a chord? Leonardo is famous today as a visual artist, but in his own day he was equally celebrated as a musician. His writings are full of comparisons between the two arts, using musical concepts like harmony to think through the nature of drawing and painting. Dr Tim Shephard will reveal what music meant to Leonardo and how it influenced his visual practice.

**All events are free. Just turn up, unless otherwise specified.**

## Leonardo's Flow Drawings

### GALLERY TALK

With Prof Stephen Beck  
Thu 25 Apr, 6–6.45pm

We now think of fluid flow as a series of cascading vortices or whirls. Prof Stephen Beck will look at Leonardo's drawings of flowing water, the artist's comparisons of them to a girl's braided hair, and how they relate to modern flow theory, illustrating these ideas through the results of practical flow experiments.

## Leonardo and the Force of Friction

### GALLERY TALK

With Prof Rob  
Dwyer-Joyce  
Thu 25 Apr, 7–7.45pm

Friction is all around us and just as important as gravity – it's why we slip over on ice and how brakes slow down our bikes. Join Prof Rob Dwyer-Joyce to find out more about how Leonardo carried out some of the very earliest experiments on friction, how he used this understanding to create ingenious and beautiful machines, and how his work relates to modern research in the field.

## Leonardo and the Woodpecker's Tongue

### EVENING TALK

With Prof Tim Birkhead  
Thu 2 May, 6–7pm

*Free, please book in  
advance at [museums-  
sheffield.org.uk/tickets](https://museums-sheffield.org.uk/tickets)*

One of Leonardo's most intriguing aspirations was to 'describe the tongue of the woodpecker'. His biographer Walter Isaacson, first regarded it as 'evidence of the eccentric nature of Leonardo's endless curiosity' but soon realised 'Leonardo knew that there was something to be learned from it.' Join Prof Tim Birkhead as he demonstrates Leonardo's ground-breaking process in an event combining, history, science, art and religion.

*\*This event features demonstrations using prepared dissections from specimens which died of natural causes.\**

## School Children, Pianos, Chicken Nuggets and Breaking a World Record!

### LUNCHTIME TALK

With Dr Candice  
Majewski  
Sat 4 May, 1–1.45pm

Inspired by Leonardo, universities around the UK have been working with local school children to help

them become inventors. In August 2020, Dr Candice Majewski, Department of Mechanical Engineering, will try to break the world record for the most people playing a single piano at the same time. Come and hear how children are responding to an amazing challenge to design mechanical contraptions that allow 88 people to play one piano simultaneously!

## 'The 'Admirable Instrument': An Exploration of Leonardo's Fascination with the Heart

### LUNCHTIME TALK

With Dr William Parker  
Sun 5 May, 1–1.45pm

*Free, please book in  
advance at [museums-  
sheffield.org.uk/tickets](https://museums-sheffield.org.uk/tickets)*

Leonardo's innovative discoveries regarding the structure and function of the heart stand up to modern scrutiny. Crucially, he studied the heart not only in health but also in disease. Join Dr William Parker as he explores Leonardo's work on the heart through the artist's drawings and annotations, recreation of his dissections, and through ultrasound and MRI imaging.

*\*This event features demonstrations of prepared dissections using by products of the food industry.\**

## Leonardo: Images from the Future

Sat 4 & Sun 5 May

This multimedia installation is inspired by the *Leonardo da Vinci: A Life in Drawing* exhibition and informed by Leonardo's musical interests. It results from a week-long residency held between Museums Sheffield and the Department of Music at the University of Sheffield, where Dr Tim Shephard is a specialist in relations between music and the visual arts. The residency is run in collaboration

with Associazione Quarantasettezeroquattro and the In\Visible Cities festival in Gorizia, Italy, where the work will tour later in the summer.

## Movement and Light: A Makerspace for Under 5s

LEONARDO FOR FAMILIES

Thu 16 & Sat 25  
May 10am, 11.30am,  
1.30pm & 3pm

Free, please book in advance at [museums-sheffield.org.uk/tickets](http://museums-sheffield.org.uk/tickets)

This hands-on workshop for our littlest visitors is based on Universal Everything's Leonardo-inspired installation, *The Vehicle of Nature*. Children will have the chance to play with sensory objects, including stones, pebbles and glass shapes, exploring colour and light. They can have a go at using iPads and lightboxes to create images and films and try a range of art and craft activities. Aimed at under 5s. Each session lasts up to 60 mins.

## Leonardo da Vinci: A Life in Drawing

Continues until 6 May 2019  
— Free exhibition

Mon — Sat, 10am–5pm  
Sun, 11am–5pm  
Open until 8pm  
every Thursday

Millennium Gallery  
Arundel Gate  
Sheffield, S1 2PP

[rct.uk/leonardo500](http://rct.uk/leonardo500)  
[museums-sheffield.org.uk](http://museums-sheffield.org.uk)

Find out more about the University of Sheffield at:  
[sheffield.ac.uk/whatson](http://sheffield.ac.uk/whatson)  
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Images: Leonardo da Vinci,  
*The head of St Philip*, c.1495.

Leonardo da Vinci, *The vessels of the liver*, c.1508.

All images used are: Royal Collection Trust / Her Majesty Queen Elizabeth II 2019

