

# LIBRARY LATES

WEDNESDAY 12 JUNE

# Thinking 3D

## MINI TALKS

Follow the strands of Geometry, Architecture, Anatomy, Astronomy, and Leonardo's thought from the *Thinking 3D* exhibition with short talks from Oxford researchers.

7.15pm Parallel lines down the centuries **Dr Chris Hollings**

7.45pm Plans and elevation: the development of architectural drawings **Dr Karl Kinsella**

8.15pm Getting to the heart of cardiac disease **Dr Kerstin Timm and Dr Justin Lau**

8.45pm Particles in space **Dr Donal Hill**

9.15pm Leonardo's thoughts on mechanics and useful inventions **Dr Matthew Landrus**

## NO ASSEMBLY REQUIRED

Find out how to build with a molecular construction kit.

## DNA ORIGAMI: HOW DO YOU FOLD A GENOME

Explore how DNA folds in 3D in our virtual reality experience, and learn how Oxford researchers are investigating the impact of this molecular origami in health and disease.

## MUTATOR VR

Mutator VR offers a unique and surreal art experience; a real-looking but impossible 3D object mutating under user interaction.

## KNOW YOUR PULSE: DANCING ARRHYTHMIA

Watch a 5-minute danced infographic on irregular heart rhythm, as the Flux Dance Company transforms the Radcliffe Department of Medicine's research into 3D. 7.10pm, 7.30pm, 7.50pm, 8.10pm, 8.30pm, 8.50pm.

## TOOTHPICK POLYHEDRON CHALLENGE

Race to recreate Leonardo's skeletal polyhedra using toothpicks while you enjoy drinks and snacks in the café.

## LIVE MUSIC

Henry Webster uses technology to compose, improvise and extend the possibilities of the violin beyond the expected.

## ORIGAMI WORKSHOP

Leading origami artist Tung Ken Lam demonstrates how to fold paper into geometric shapes, kinetic sculptures, fun toys and more to take home.

## PRINTING PRESS

Letterpress printing is usually confined to the 2D page, but the Bodleian's printers have created a möbius strip to help them enter the third dimension.

## CURATOR TOURS

Join curators Laura Moretti and Daryl Green for introductory tours of their exhibition, *Thinking 3D: From Leonardo to the present* at 7pm, 7.30pm, 8pm, 8.30pm, 9pm.

## 3D PRINTING IN ACTION

See how a virtual computer model of the Sheldonian Heads generated through photogrammetry can be transformed into a physical object with a 3D printer.

## ATLASCRAFT

Explore the Large Hadron Collider in a Minecraft computer model built by Oxford particle physicists and local school students.

## BOTANICAL ART WORKSHOP

Inspired by Leonardo's observation of the natural world, sketch plants with guidance from Rosemary Wise, the botanical illustrator in the Department of Plant Sciences, University of Oxford.

## CABINET PREVIEW

Meet the 'Cabinet' team and find out how they make 3D, interactive models of objects in Oxford's collections.

## LIVING LIBRARY

Borrow from our living library, where books have been replaced by real researchers. Informal chats about reading as navigation, DNA folding, medieval anatomy and much more.

## AN INTRODUCTION TO STEREOSCOPIC 3D

Learn about early 3D cameras with photo historians from the London Stereoscopic Company, and see Victorian Oxford in three dimensions.



# Evening Schedule

