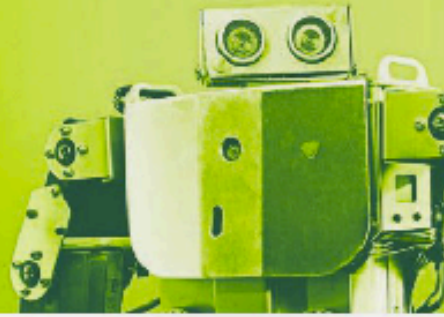


Book online [www.phoenix.org.uk](http://www.phoenix.org.uk)

# Phoenix Interact Labs



## Get Started with 3D Printing Workshop

Sat 8 Mar, 1pm – 3pm  
£12 – call box office to book

Learn how to get started with 3D printing in this great introduction to the revolutionary new technology.

Using free software tools you will be guided through the steps required to imagine and create 3D printed objects. The workshop will include a discussion on the capabilities of the technology and how to take your ideas to the next level. You will also learn how to book the 3D printing facility at Phoenix Interact Labs to develop your own projects.



## Leicester Hackspace

### Leicester Hackspace Launch

Sat 1 Mar from 10am  
Makers Yard, Rutland St

Phoenix Interact Labs is delighted to announce that the Leicester Hackspace will open at its new home in Makers Yard on Sat 1 March. Come down and join us to celebrate and see what this great new facility has to offer.

After gaining huge local support since its inception here at Phoenix, the Leicester Hackspace is a place for makers of creative digital, electronic and mechanical projects to meet, work and collaborate.

For more information go to [leicesterhackspace.org.uk](http://leicesterhackspace.org.uk)

## CAS Talk

Paul Granjon



Tue 11 Mar, 6.30pm – 8pm  
Free – call box office  
or book online at [phoenix.org.uk](http://phoenix.org.uk)

For the latest in our series of Computer Arts Society talks, we welcome Paul Granjon, a French artist working at the forefront of art, science and technology.

Paul builds robots out of unusual materials, creating automated forests and disco dancing automatons. His work investigates how humans and machines are beginning to co-evolve and invites us to pause and reflect on our relationship with technology.

### Looking forward to next month



#### Films:

**The Zero Theorem**  
**Starred Up**  
**A Long Way Down**

#### Seasons:

### Shakespeare season

Celebrating his 450th birthday

### 'From Page Turners to Screen Burners'

A short festival of film adaptations  
in partnership with DMU.

## Digital Art



### Frequencies (a)

by Nicolas Bernier

Thu 13 – Sat 22 Mar

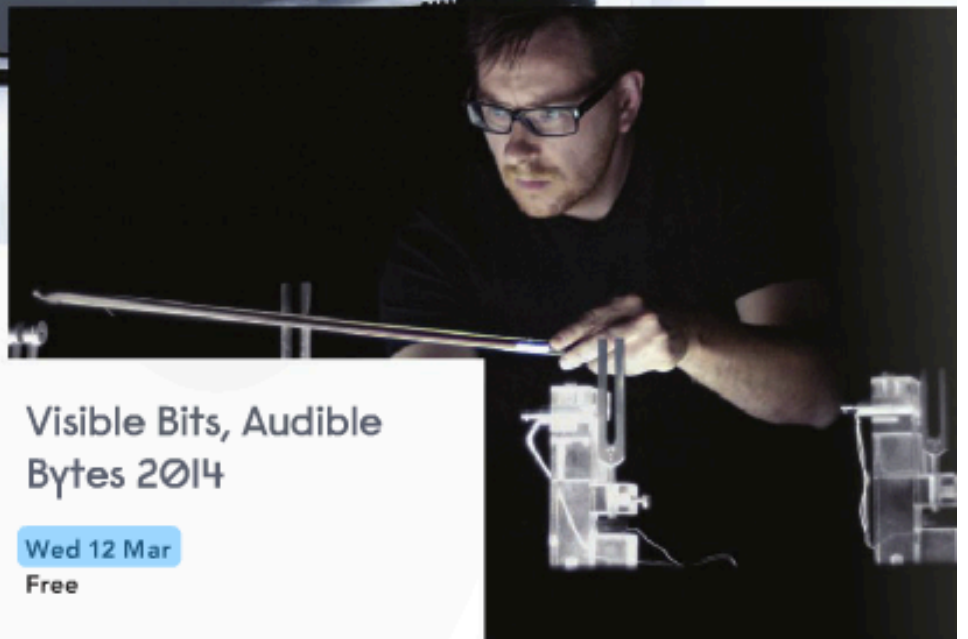
Cube gallery at Phoenix, free entry

*Frequencies (a)* by Canadian artist Nicolas Bernier is an installation of sound and light.

Winner of the prestigious Golden Nica prize at Ars Electronica festival, the artwork merges the piercing hum of mechanically-triggered tuning forks with pure digital soundwaves.

Streams of light burst in harmony with the forks, alternately illuminating the exhibition in stark white light and plunging it into complete darkness.

*Frequencies (a)* continues Nicolas Bernier's exploration of the relationship between organic sound and digital techniques and launches as part of *Visible Bits, Audible Bytes*.



### Visible Bits, Audible Bytes 2014

Wed 12 Mar

Free

*Visible Bits, Audible Bytes* is an event which champions the soundtrack and explores the relationship between sound and the moving image. The event brings together leading international artists to present contemporary works alongside significant historical works from the archives of the British Film Institute.

This year we're proud to present an international programme featuring a performance of *Frequencies (Synthetic Variations)* by Nicolas Bernier amongst a selection of live works, compositions and screenings.

#### Timetable:

Talks—

**3pm – 5pm**

*Frequencies (a)* exhibition preview—

**5pm**

Main concert—

**6.30pm**

After party with VJ performances—

**8pm – late**

Booking for the talks and main concert are essential – please contact the Phoenix box office.

The exhibition and event have been curated by Andrew Hill of the Music, Technology and Innovation Research Centre at De Montfort University, in partnership with Phoenix.