



LDF Digital Design Weekend

Saturday 21 – Sunday 22 September 2013, 10.30–17.00

Take part in a weekend of free events celebrating collaborations in digital art, design and science, coinciding with the London Design Festival at the V&A. #LDF13

Most events are free and drop-in, but places for some are limited. Please arrive early to avoid disappointment. Most events are suitable for all ages unless stated otherwise.

SHOW & TELL INSTALLATIONS & LABS

Garden of Russolo, Yuri Suzuki

John Madejski Garden

Interactive installation of voice activated sound works 'White Noise Machines', inspired by Futurist composer Luigi Russolo's Intonarumori.

Supported by ICN and The Japan Foundation.

www.icn-global.com

Data_Sea v2.0, Michael Takeo Magruder with

Drew Baker, Johanna Jarvis & David Steele

Lunchroom 2, Sackler Centre

Experience a networked, real-time 3D installation exploring the relationship between astronomy and broadcast media.

Supported by Discovery Dome Europe and the Department of Digital Humanities, King's College London.

www.takeo.org

Bee Lab

Sackler Centre Reception

Citizen Science and Open Design help people to make their own monitoring devices to become more effective and sustainable beekeepers.

Bee Lab team: Technology Will Save Us, The British Bee Keeping Association, The Honey Club and Design researchers Rob Phillips and the Horizon Digital Economy.

www.rdphillips.co.uk

Disaster Playground, Nelly Ben Hayoun,

Designer of experiences SETI Institute and guest scientists, Saturday 21 ONLY

Sackler Centre Reception & Sculpture Room 21a

Join Nelly Ben Hayoun, funding Director of the International Space Orchestra in NASA Ames Research Center plus experts, as they speculate on future outer space catastrophes.

www.nellyben.com

Climate change & Fashion hackathon

Digital Studio, Sackler Centre

Help scientists, artists and designers prototype future fashions in a world adapting to changing climates.

Supported by the Met Office, Helen Storey Foundation, Product Research Studio, University of Dundee, Centre for Sustainable Fashion and RS Components.

www.metoffice.gov.uk,

www.helenstoreyfoundation.org,

<http://productresearch.dundee.ac.uk>

www.sustainable-fashion.com

Organic Cinema, Kasia Molga, Erik Overmeire & Ivan Henriques

Design Studio, Sackler Centre

Explore what local flora and fauna have to tell us through visuals generated from bespoke open source sensor developed in collaboration with Prof. Bert van Duijn and students from Leiden University, NL.

www.kasiamolga.net &
www.worldwilderlab.net

Infective Textiles and MRSA Quilt Making, Anna Dumitriu, Kevin Cole & Dr John Paul

Art Studio, Sackler Centre

Join artist Anna Dumitriu (artist in residence on the UKCRC Modernising Medical Microbiology Project), biomedical scientist Kevin Cole and microbiologist Dr John Paul to learn about new developments in microbiology through practical hands on experiments with bioart and textiles.

www.normalflora.co.uk

Creative exploration of the immunology of allergies, Solenne Morigeaud & Dr Marta Archanco

Art Studio, Sackler Centre

Surface designer Solenne Morigeaud and science communicator Dr Marta Archanco explore the switchable armour of the B and T type lymphocytes that can lead to allergic reactions.

www.solennemorigeaud.fr

Reproductive Futures, Zoe Papadopoulou

Lunchroom 1, Sackler Centre

Reproductive Futures investigates developments in Artificial Reproductive Technologies and creates new narratives to explain how babies are made.

Supported by The Wellcome Trust.

www.reproductivefutures.co.uk

Anatomies of Creativity, Michael Burton & Michiko Nitta

Sculpture Room 25

Reflecting on past bodies made for artforms, such as the dancer or castrati singer, Burton & Nitta explore how new technologies will remake the body as an instrument for art.

www.burtonnitta.co.uk

Raindrop & Inflated Steel Form, Alistair McClymont

Sackler Centre

Alistair's works reproduce natural phenomena as a means of exploring scientific and philosophical ideas.

www.alistairmcclymont.com

Parasitic Products - Kingdom 1, Patrick Stevenson-Keating

Digital Studio, Sackler Centre

Parasitic Products - Kingdom 1 seeks to superimpose biological processes, such as parasitism, onto digital devices, creating a new topology for product design.

<http://pstevensonkeating.co.uk>

Inks & pencils from Pollution, Gyorgyi Galik, xClinic in collaboration with John Nussey

Design Studio, Sackler Centre

Instructions for making pencils & inks from the black carbon in the polluted air.

<http://gyorgyigalik.com>,

www.environmentalhealthclinic.net/civicaction

Process 18 (Software 3), Casey Reas

Sackler Centre Lobby

Process 18 (Software 3) visualises a system in motion, exploring the relationship between synthetic and naturally evolved systems. Reas expresses his ideas in the form of code.

**Textile Futures MA, Central Saint Martins,
College of Arts and Design: Emilie Frederique
Grenier, Yesenia Thibault-Picazo, Amy Radcliffe,
Amielia Katze**

Art Studio, Sackler Centre

Join CSM Textile Futures 2013 graduates
showing work that explores the intersection of
craft, science and technology.

www.textilefutures.co.uk

***The Arctic Poppy Chronicles, Michèle Noach with
Cape Farewell***

Sculpture Room 25 or Sackler Centre

Lenticular prints made from a 3-year research
project observing Arctic poppies growing in a
warming climate, conducted at The Eden
Project.

www.michelenoach.com

Digital Futures

Digital Futures is a monthly programme
showing new work by students & researchers.

**Digital Futures: *Colony*, Gabriele Dini & David
Hedberg**

Sackler Centre Reception

Honeycomb Installation representing the city;
the bees are Londoners and the honey
information. *Collaborators: Orestis Tsinalis & Dr
Koen Van Dam, Digital City Exchange project,
Imperial College London. Supported by the RCA,
UP London and Sustainable Society Network+.*

www.gabrieledini.com, www.davidhedberg.info

Digital Futures: *All that I am*, Koby Barhad

Art Studio, Sackler Centre

Installation exploring the relation between
contemporary culture and emerging genetic
technologies. *Arduino programming: Mike Vanis*
http://kn-studio.com/all_that_i_am.html

**Digital Futures: *Repair is Beautiful*, Paulo
Goldstein**

Art Studio, Sackler Centre

Join Paulo's pop up lab of repaired objects
imbued with new meaning and functionality.

www.paulogoldstein.com

**Digital Futures: *Dickinson Crater II & III*, Luci
Eldridge**

Design Studio, Sackler Centre

Luci explores the unknown landscape of the
surface of Venus, combining scientific research
and her own imagination.

<http://lucieldridge.co.uk>

ACTIVITIES

**MzTEK & The Conductive Kit Company
workshops: Make an interactive Fern & Make
an Interactive Hand Puppet**

Seminar Room 1, Sackler Centre

Saturday 21, 10.30 – 13.00 or 14.00- 17.00

Control a small fan and make it interactive.

Sunday 22, 10.15 – 13.15 or 14.00 – 17.00

Learn to create a soft circuit using conductive
thread and fabric.

*Booking required. £18. Suitable for 18+, beginner
level.*

**Scratch w Code Club, Kerbal Space Program &
The Antikythera Mechanism w SpaceGAMBIT**

Lunchroom 1, Sackler Centre

Join Code Club and SpaceGAMBIT to start
programming with Scratch, build your own
Antikythera Mechanism using lego and k'nex
blocks, or fly a spacecraft with Kerbal Space
Program!

<http://codeclub.org.uk>

<https://kerbalspaceprogram.com>

www.spacegambit.org

MaKey MaKey Demo, Codasign

Main Entrance

Experiment with the MaKey MaKey kit, with which you can turn everyday things into interactive objects!

<http://codasign.com>

Digital Design Challenge winning entries

Digital Studio screen, Sackler Centre

See winning entries from our digital art competition around the theme of 'Interactions in Art, Design & Science'.

[Enter the Competition](#)

PERFORMANCES, TALKS & SCREENINGS

The Cave of Sounds, Tim Murray-Browne with Dom Aversano, Sus Garcia, Wallace Hobbes, Daniel Lopez, Tadeo Sendón, Panagiotis Tigas and Kacper Ziemianin

Hochhauser Auditorium, Sackler Centre

Saturday 21 ONLY, 10.30-16.30

Take part in an interactive sound installation through a circle of networked instruments.

Created through Sound and Music's Embedded Composer in Residence programme with the Music Hackspace. With support from the Esmée Fairbairn Foundation and Arts Council England.

<http://caveofsounds.com>

Nybble, Ollie Palmer

John Madejski Garden

Participatory performances at 12.00, 14.00 & 16.00 / 45 mins

This playful performance invites the audience to become a part of a simple computational calculation.

Supported by Design with Heritage.

<http://olliepalmer.com/nybble> & www.designwithheritage.org

Computer Art from the V&A Collection

Prints & Drawings Study Room

Saturday 21 ONLY, 13.00-14.00

Join Curators Doug Dodds & Melanie Lenz to hear about the V&A's collection of computer generated art.

Limited free tickets available from the Sackler Reception Desk on a first come, first served basis.

International Space Orchestra Feature

Documentary Screening and Q&A, Nelly Ben Hayoun

Lydia and Manfred Gorvy Lecture Theatre

Sunday 22 ONLY, 15.00

Join the International Space Orchestra as they perform a drama about non-terrestrial communication and the techno-wonders of mission control rooms.

In collaboration with Disegno.

www.nellyben.com

MEMORY BANK - If you could keep only one memory, what would it be?

Gallery 117, Screenings in Lydia and Manfred

Gorvy Lecture Theatre Saturday 21, 15.00 &

Hochhauser Auditorium Sunday 22, 12.00

Sky Arts and the V&A have partnered with designer Johnny Kelly, Nexus Interactive Arts and art director Evan Boehm to develop an interactive web based drawing tool. Leave your memory then come watch the accompanying documentary Sky Arts Ignition Memory Palace presented by author Hari Kunzru in the Sackler Centre.

Please note that photography and filming will be taking place at this event. Images will be taken for use by the V&A to publicise this event and future digital programmes.