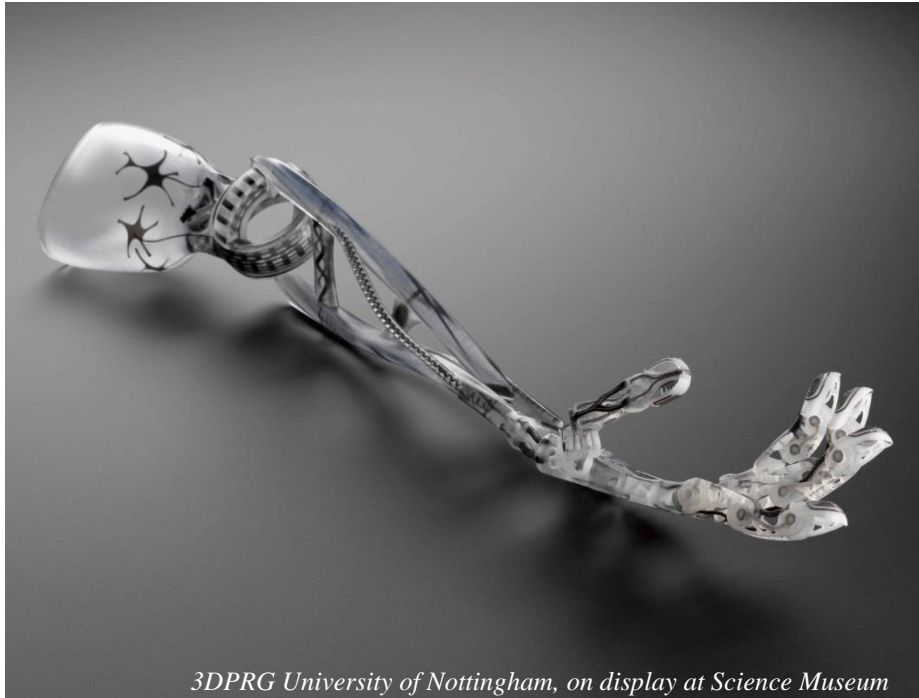




University of Oxford

INTRODUCTION TO Ox3DP

2014 - 15



3DPRG University of Nottingham, on display at Science Museum

ABOUT THE SOCIETY

Founded in May 2014, the Oxford 3D Printing Society (Ox3DP) is the first University society in the UK for all things 3D printing and additive manufacturing (AM).

MISSION

We strive to create a platform where students, academics and the industry can collaborate to advance this rapidly growing field that carries the promise of the next industry revolution.

PROJECTS & ACTIVITIES

1. Education and information portal
2. Design competition & product development for assistive technology
3. Workshops & trips
4. Talks

OFFICERS – WE ARE RECRUITING! EMAIL: PRESIDENT@OXFORD3DPRINTINGSOCIETY.COM

Senior Member: Hagan Bayley, Professor of Chemical Biology

President: Ding Shin Huang, DPhil Solid Mechanics and Materials Engineering

Secretary: David Wong, MSc Global Governance and Diplomacy

Treasurer: Jean-Philippe Pollonais, MChem

IT Officers:

Guillermo Valle, MPhys

Jing Ren, MSc Mathematical and Computational Finance

Publicity & PR Officers:

Roya Athill, MChem

Joy Au, MEng Engineering Science

Alicia Cleary-Venables, Development Office

Sponsorship Officers:

Jean-Philippe Pollonais, MChem

Nigel DeCoopman, BBA Business Administration

Workshop Officer: Nadia Haven, MBA Said Business School

Other Project Members and Advisors:

Avinash Prabhu, PhD Metal Additive Manufacturing, Oak Ridge National Lab - Edu. & Info. Portal Project

Jim Leek, Web Development Officer, Engineering Science Department

Paul Upham, 3D Printing/CAD Manager, BMW

Joy Foster, Digital Marketing Director, Founders4Schools

LINKS:

Website: oxford3dprintingsociety.com

LinkedIn: [Oxford 3D Printing Society \(Ox3DP\)](#)

Facebook:

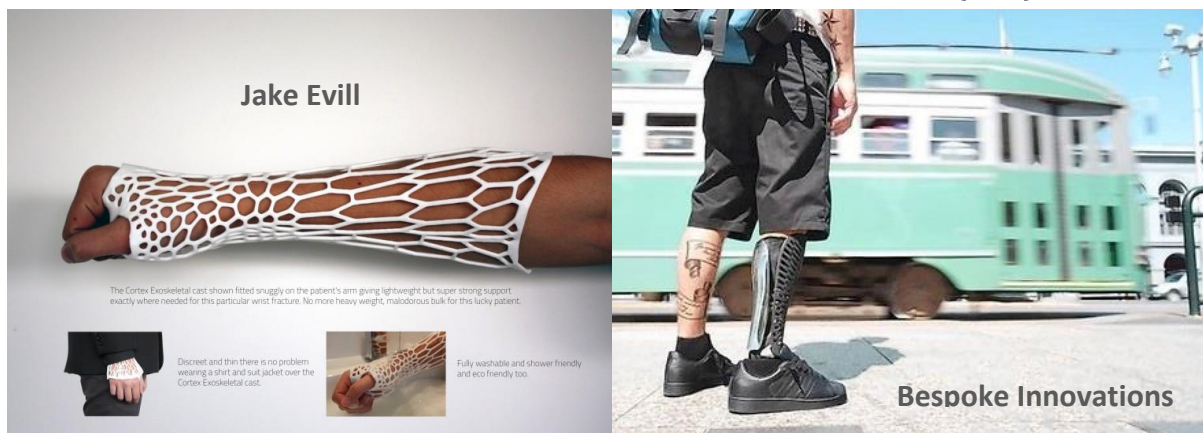
- Group - Oxford 3D Printing Society
- Page - Oxford 3D Printing Society

EDUCATION & INFORMATION PORTAL

We aim to build the world's first and best education and information website about the real additive manufacturing industry:

- The *Education* section will be written by the top academics in the field.
- The *Information* section is not going to be a traditional news website i.e. information will not be written by journalists but is directly fed from high-quality primary sources such as renowned printer manufactures, materials suppliers etc.
- Scientific journal section includes short summaries written in laymen's term about the latest published journals in the field – this is the only “journalist” section of the web

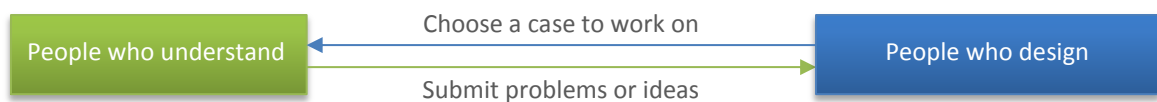
DESIGN COMPETITION FOR ASSISTIVE TECHNOLOGY (OS)



Entry category: personalised assistive technology e.g. hearing aid, splint, prosthetic leg cover

How it works:

- Step 1 - People familiar with disability and accessibility issues can post their daily challenges or problem-solving ideas on our [Google+ community page](#). Designers can then choose a case to work on



- Step 2 – upload designs

Key dates:

- Launch – January
- Submission – March

NB: This design competition is Open Source (OS), meaning all the designs submitted will be freely available to all and published online once the competition is completed.

PRODUCT DEVELOPMENT – ASSISTIVE TECHNOLOGY (OS)

We will be designing IoT assistive technology products for people with disability and accessibility issues, utilising all the Open Source (OS) knowledge available. This will be a combined effort between mechanical, materials, electrical, electronic, software engineering as well as arts and industrial design.

WORKSHOPS & TRIPS

Confirmed Workshops:

- [Beginner 3D Modelling for Assistive Technology](#) – Women Impact Conference on Engineering, Technology and Enterprise. Time & location: Oct. 18, 9am, Launchpad, Saïd Business School
- Professional 3D Printing Workshop – [ThinkSee3D](#). Time TBA, Location: 11 Worton Park, Cassington

Planned Workshops:

- Biweekly Beginner 3D Modelling & 3D Printing Workshop

Confirmed Tour:

- [3DPRINTUK](#). Time & location: Oct. 31, meet at Gloucester Green Bus Station
- [3D Systems](#) factory (UK). Time & location: TBA
- [Cranfield University Welding Engineering and Laser Processing Centre](#). Time & location: TBA

TALKS

Time: most Wednesday 5-6pm, follow us on [Facebook](#) or [LinkedIn](#) for the details of each talk.

Speakers: leading experts in both academia and industry in the UK and the world. Shown here are both *confirmed* and *pending* speakers



Stuart Jackson
Director, EOS GmbH (UK)
EOS is the world's leading manufacturer of professional and industrial 3D printers

Date: Nov. 5



Jeremy Pullin
Head of Rapid Manufacturing, Renishaw
Renishaw is the leading industrial metal 3D Printer manufacturer in the UK

Date: TBC



Dr. Will Shu
Heriot-Watt University
3D Bio-fabrication and personalised medicine.

Date: Feb. 4



Alexander Gryson
UI / UX Designer, Sculpteo
Sculpteo is one of the leading 3D Printing service websites.

Date: TBC



Dr. Andrew Dawood
Founder, Dawood and Tanner, Digits2Widgets
3D printing in the medical industry, industrial design and professional service

Date: Jan. 21



Graham Tromans
G P Tromans Associates
Additive Manufacturing, Rapid Prototyping and 3DPrinting consultant with 20 years of experience

Date: TBC



Andrew Katz
Partner at Moorcrofts LLP
Lawyer specialising in open source IP and commercial law

Date: TBC



Joel Gibbard
Founder, Open Bionics
Developing affordable robotic prosthetic hands

Date: TBC



Dr. Phil Reeves
Econolyst Ltd
Additive Manufacturing, Rapid Prototyping and 3DPrinting consultant with 20 years of experience

Date: TBC



Russell Smith
Founder, CairPair Ltd
10 years of experience in Assistive Technology for people with special needs.

Date: Oct. 18