

# Podcasting

## Enjoying a lecture on the bus



Peter Robinson, Computing Services



# Update on the progress

- Departmental activity
  - Be Prepared !
    - Workflow to create podcasts

# Update on the progress

- Departmental activity
  - Be Prepared !
    - Workflow to create podcasts
- Institutional podcast activity
- ItunesU
  - Overview
  - Release forms for contributors
  - Designs for the interface
  - Timeframes

# University of Oxford: The IT

- Highly devolved IT environment:
  - ~600 IT staff, 200 subnets
  - 46 Colleges & Halls, 200+ departments, AV units ?
  - 100+ AD domains, eDirectory, other DS
  - MIT KDC only global source for authentication (not used globally!)

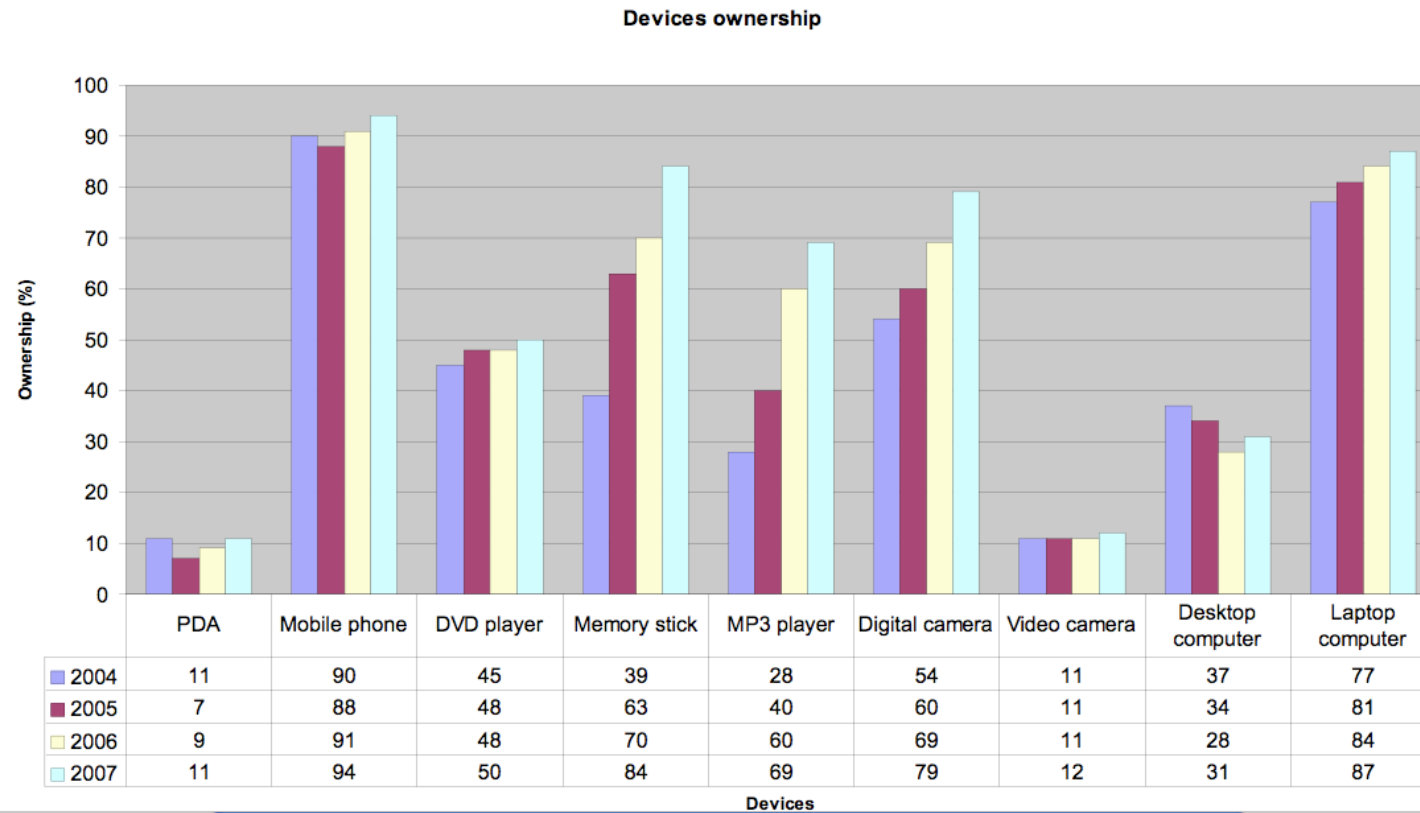


# Q & A

- Devolved IT
- Students IT ownership
- "IT training on the Bus"
- Networking – weak spots and bottlenecks
- Managing the workflow and tracking the status
- Need for [media.podcasts.ox.ac.uk](http://media.podcasts.ox.ac.uk) ?
- Aggregation and sorting
- Institutional Encoding engines – Podcast producer
- Lecture room capture

# Freshers Fair Survey

## I.1. Which of the following do you own?



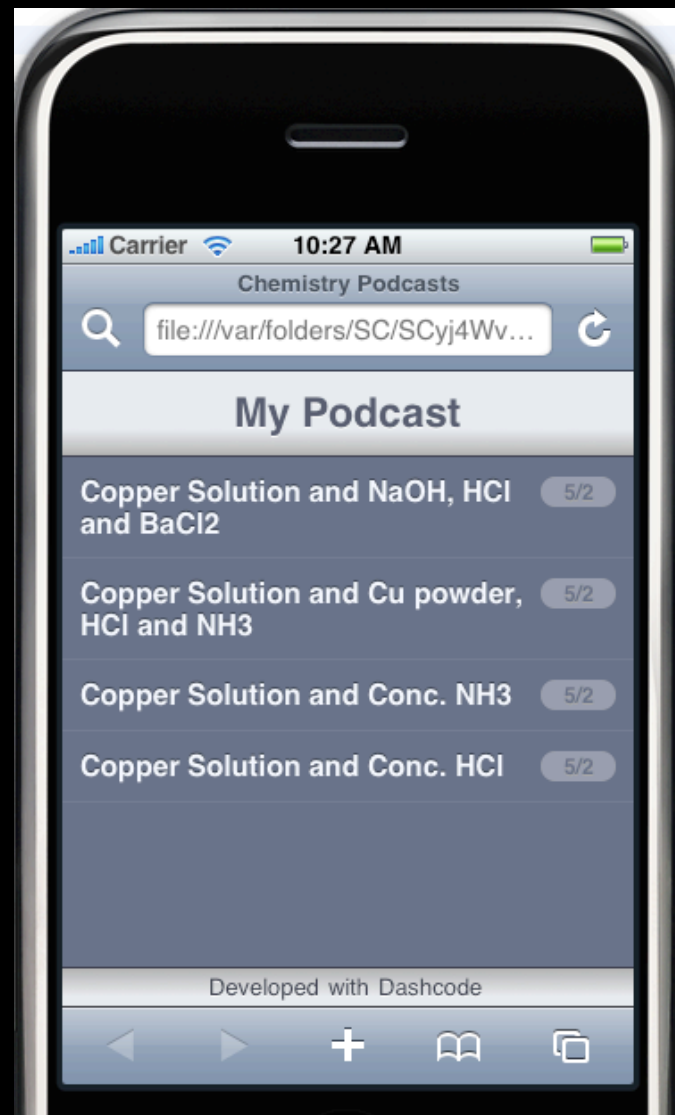
# Enjoying a lecture on the bus

- What do we need to make this possible ?



# Portable Podcast Player

- ipod, iphone, MP3 gizmo





- A Podcast Portal ?



# PodOxford

ADMISSIONS DIVISIONS COLLEGES VISITORS & FRIENDS INTERNATIONAL RESEARCH ENTERPRISE ABOUT THE UNIVERSITY

Home > Admissions > Undergraduate courses > Finding out more > Podcasts >

## Admissions

> Undergraduate courses

Finding out more

Podcasts

PodOxford participants

> Postgraduate courses

> International students

> Lifelong Learning

> Online and distance courses

## PodOxford



You've heard the rumours, you've heard the gossip. Now find out for yourself what Oxford University is all about. Be a fly on the wall when Mike Nicholson, Oxford's Director of Undergraduate Admissions, chats with students and staff from around the University about courses, colleges, what to put on the application form and how best to prepare for the dreaded Oxford interview.

PodOxford - take our word for it.

Download and listen to whole episodes as listed below.

### First episode - Is Oxford for me?

 [Download entire episode](#) - 25 mins 50 secs (23.6MB)  
[More info about the participants.](#)

### Second episode - Student life at Oxford

 [Download entire episode](#) - 14 min 17 secs (13MB)  
[More info about the participants.](#)

### Third episode: The personal statement

 [Download entire episode](#) - 13 min 50 secs (12.6MB)  
[More info about the participants.](#)

### Fourth episode: College choice

 [Download entire episode](#) - 15 min 08 secs (13.8MB)  
[More info about the participants.](#)

### Fifth episode: Making an application - tutors give tips

 [Download entire episode](#) - 13 min 03 secs (11.9MB)  
[More info about the participants.](#)



Open podcast in iTunes

RSS

| What is RSS?



## Some free-to-download Podcatchers

iTunes

Juice

Armangil

Doppler

Podcastready

# Webcast Videos



## oxford internet institute: webcast university of oxford

[Home](#) | [Browse Webcasts](#) | [Browse By Category](#) | [Help/FAQ](#)

### Welcome to the OII webcasts

Here you will find webcasts of the Internet pioneers, scholars and regulators who have spoken at the Oxford Internet Institute, covering areas such as: social media, internet regulation, safety and security online, e-government and democracy, civil society, open access, e-learning, citizen journalism, and the future of the Internet itself. You can [browse all webcasts](#) or [browse by category](#).

To view the streaming webcasts you will need RealPlayer installed on your system, but we also offer downloadable formats such as MP4, for which we recommend QuickTime 7. If you have any queries about our webcasts, you can [check the FAQs](#), find out [how to link to a webcast](#), or email: [webcast@oii.ox.ac.uk](mailto:webcast@oii.ox.ac.uk)

#### Who we are:

The [Oxford Internet Institute](#) is a department of the University of Oxford, and a leading world centre for the multidisciplinary study of the Internet and society.

#### Notification:

To be notified of webcasts as they are released, you can sign up to the [OII mailing list](#).

### Just Released



[Archive Video](#)

#### Beyond Byron: Towards a New Culture of Responsibility

An opportunity to hear Tanya Byron's reactions to the Byron Review's launch and to the feedback she has received since.



[Archive Video](#)

#### Is the Future of the Internet the Future of Knowledge?

Lawrence M. Sanger (co-founder of Wikipedia and founder of Citizendium) and Andrew Keen (prominent critic of the Internet as a means of acquiring knowledge, and author of 'The Cult of the Amateur') discuss issues of legitimacy, credibility, regulation and censorship on the Internet.



[Archive Video](#)

#### Jonathan Zittrain London Book Launch

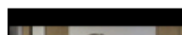
The Internet's current trajectory is one of lost opportunity. Its salvation, argues Jonathan Zittrain, lies in the goodwill of its millions of users. Drawing on generative technologies like Wikipedia that have so far survived their own successes, he shows how to develop new technologies and social structures that allow users to work creatively and collaboratively, avoiding the excesses and abuses of openness and saving the Net from lockdown.



[Archive Video](#)

#### Social Networking Conference

This OxIS / Ofcom conference represented a wide range of perspectives on social networking, both as regards the interpretation of social networking and the way to approach people's interactions with Social Networking Sites. It covered 'Online Social Networks', 'Intimate Relationships and Online Social Networks' and 'Businesses and Online Social Networks'.



#### Tilly Blyth: The Material of the Digital: constructing a

## HUMANITIES DIVISION



### [Podcasts from The Uehiro Centre for Practical Ethics](#) 3-Jul-2008

Podcasts of events and lectures taking place at the Oxford Uehiro Centre for Practical Ethics.

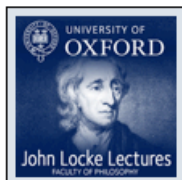
[RSS](#) **Audio** **9 items** [show media items](#)



### [The Isaiah Berlin Lecture](#) 3-Jul-2008

The Isaiah Berlin Lecture (Annual lecture in the History of Ideas) is held at Wolfson College, Oxford.

[RSS](#) **Audio** **2 items** [show media items](#)



### [John Locke Lectures in Philosophy](#) 27-Jun-2008

The John Locke Lectures are among the world's most distinguished lecture series in philosophy. The series began in 1950 and are given once year.

[RSS](#) **Audio** **1 item** [show media items](#)



### [Oxford University: Podcasts from Medieval English lectures](#) 22-Apr-2008

Podcasts of Medieval English lectures, and supporting material, presented at the English

#### HELP

- For information about podcasting at the University of Oxford, please visit [www.oucs.ox.ac.uk/podcasts](http://www.oucs.ox.ac.uk/podcasts)
- If you have a query about podcasting at the University of Oxford, please e-mail [podcasts@oucs.ox.ac.uk](mailto:podcasts@oucs.ox.ac.uk)

#### LATEST FEEDS

- [The Isaiah Berlin Lecture](#)
- [Sir Ivor Roberts on Kosovo](#)
- [Alan Emery Lecture](#)

#### LATEST RECORDINGS

- [Unfinished Business: Money, Ethics, and a Better Transplant System](#)
- [Interview with Óscar F. Gil-García](#)
- [Isaiah Berlin and the Challenge of Multiculturalism Part 2](#)

● [Podcasts.ox.ac.uk](http://Podcasts.ox.ac.uk)

▪ Powered by OXITEMS an institutional RSS/ATOM Service

# Be Podcast Prepared

- 1. Create Content
- 2. Place on a public URL
- 3. Add to an OXITEMS feed





Lecturer



Classroom Capture



Media Production  
Services



Departmental  
Web Servers



Public URL

Stage 1 Content creation e.g. mp3 or MPEG4 ( H264 codec)





Lecturer



Classroom Capture



Media Production  
Services



Departmental  
Web Servers



Public URL

Stage 2 Public URL e.g. [www.mydept.ox.ac.uk/my.mp3](http://www.mydept.ox.ac.uk/my.mp3)

## RSS Podcast Feeds



Departmental  
Web Sites



podcasts.ox.ac.uk  
(OXITEMS)



OXITEMS

Stage 3 Create feed in OXITEMS



# Ideas for podcasts

Interviews

Peer to Peer

Skype interviews

Conference talks

Equipment Training

How to use a ..

Lab skills

Ad-hoc resources

Student outreach

and ..lectures



# The Future

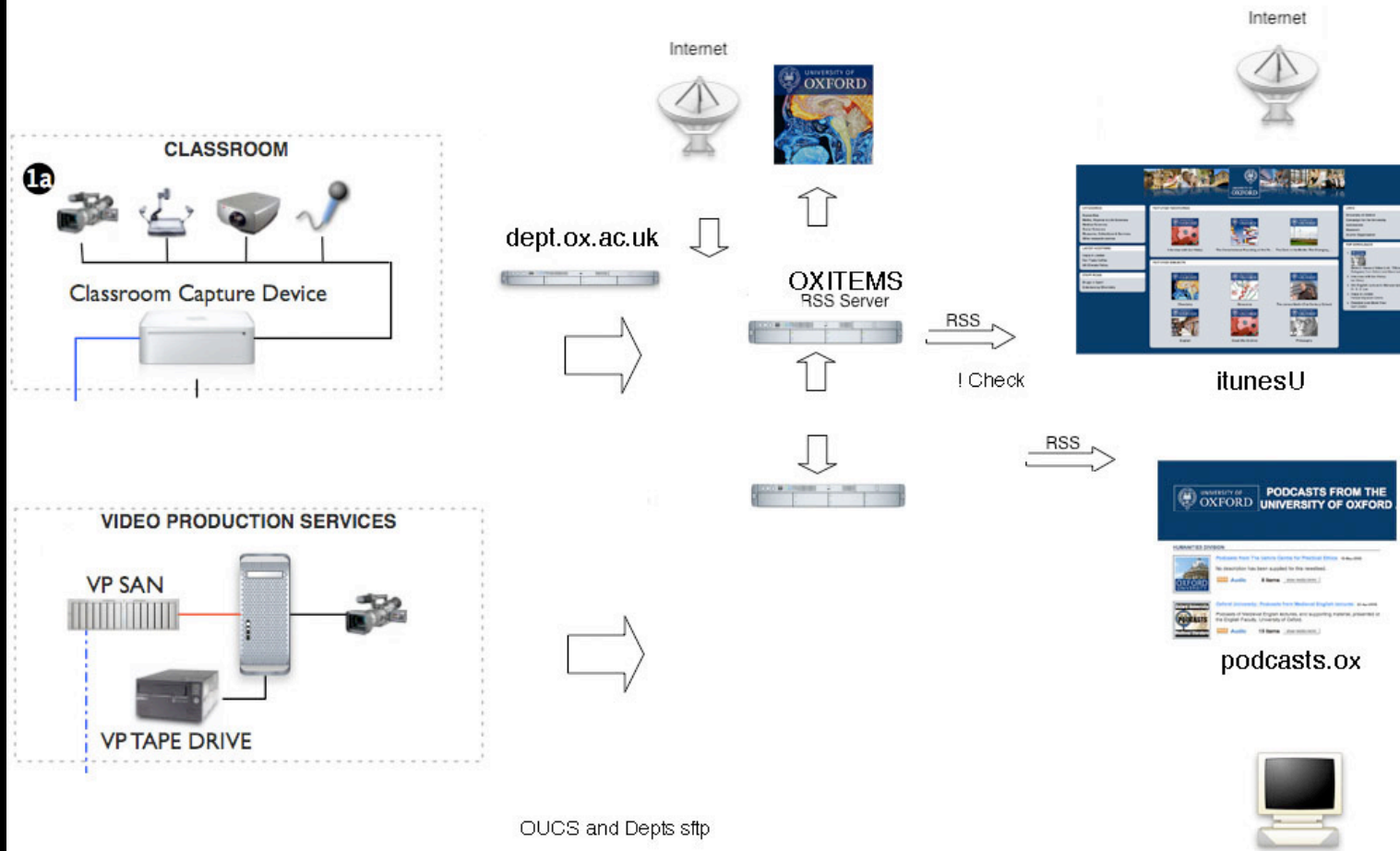
- iTunesU
- Lecture Room Capture

# Oxford iTunesU

The screenshot displays the iTunes U application window. At the top, the title bar reads "iTunes" and "iTunes U". The main content area is divided into several sections:

- Top Banner:** Features three promotional images: "EINSTEIN FEST PERIMETER INSTITUTE OF THEORETICAL PHYSICS", "Energy CSIS CENTER FOR STRATEGIC & INTERNATIONAL STUDIES", and "K-12 on iTunes U".
- iTunes STORE:** A sidebar menu with categories: Music, Films (NEW), Music Videos, TV Programmes, Audiobooks, Podcasts, iTunes U (selected), iPod Games, and App Store (NEW). A "Genres" dropdown is visible.
- HIGHLIGHTS:** A grid of featured content:
  - "Geography of Europe" by Arizona State University (ASU).
  - "Philosophy 185: Heidegger" by UC Berkeley.
  - "Nanotechnology Takes Off" by KQED.
- QUICK LINKS:** A list of navigation options: Browse, Power Search, Account, Buy iTunes Gifts, Redeem, Support, My Alerts, Complete My Album, iTunes Plus, and iTunes Plus.
- CATEGORIES:** A list of subject areas: Business, Engineering, Fine Arts, Health & Medicine, History, Humanities, Language, Literature, Mathematics, Science, Social Science, Society, and Teaching & Education.
- TOP DOWNLOADS:** A list of popular content:
  - 92Y: George Carlin (George Carlin with Judy Gold)
  - ENC 1102 Unit 1 Getting Started (Florida Community College At Jack...)
  - Really Achieving Your Childhood... (Randy Pausch)
  - The World is Flat (Thomas L. Friedman)
  - African-American troops training The War
  - Lecture 01: Powers of Ten - Unit... (Walter Lewin)
  - Introduction to Water Drops (Peter Black)
  - Intro to Photoshop - Part 1
- SCIENCE & RELIGION:** A section with a "See All" link, featuring items like "Electricity & Magnetism" (MITOPENCOURSEWARE), "Backyard Wildlife" (UNIVERSITY OF NEBRASKA-LINCOLN), "Duke Featured Speakers Podcast", "Where does Your Food Come From?" (AMERICAN PUBLIC MEDIA), and "HEALTH and MEDICINE" (RESEARCH CHANNEL).
- FIND EDUCATION PROVIDERS:** A list of provider types: Universities & Colleges, Beyond Campus, and K-12.

# Draft Submission workflow (23/5/08)



Checklist: 1.Speaker Release form + 2.Departmental sign-off + 3.Manual review + 4.Take down Policy

# Podcasting in Oxford: Future

- Podcast Producer used as media conversion engine
- Integrates well into existing infrastructure
- Multiformat support crucial e.g Episode Podcast
- OpenAFS file system now extended with podcasting “space”
  - Uses MIT KDC for authentication
  - Designed for delivery formats
  - Need for future archival space



Lecturer



Classroom Capture



Media Production  
Services



OpenAFS

OpenAFS File Store accessible from  
anywhere.  
Authorisation via MIT KDC

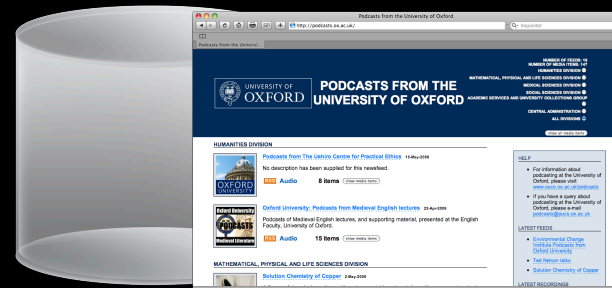
# Custom Workflows



Departmental  
Web Servers



iTunes U



podcasts.ox.ac.uk  
(OXITEMS)



# Encoding Implementation

- Server infrastructure installed Summer 2008
- More podcasting stations in lecture rooms
- RSS feeds in parallel existing OXITEMS system
- iTunes U in September
- Extend pilot service through 2009





# Q & A

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