British and Irish Sound Archives

Dublin Workshop

1st December 2006

National Museum of Ireland
Collins Barracks
Benburb Street
Dublin 7

RTÉ

**Ireland's
Public Service Broadcaster**

Lunch sponsored by:

CUBE-TEC

Registered attendees

Paul Moran	**Archival Consulting Services**
Mark Reynolds	**Archives Consulting Service**
Magall Briquet	**Arcline**
Ant Miller	**BBC**
Simon Rooks	**BBC**
Jenny Doctor	**Borthwick Institute for Archives**
Kate Richardson	**Brighton Museum**
Ruth-Blandina Quinn	**Broadcasting Commission of Ireland**
Róisín Berry	**Clare County Archives**
Niamh Heery	**Contemporary Music Centre**
Tom Lorenz	**Cube-Tech International**
Joerg Houpert	**Cube-Tech International**
Dan Barry	**Dublin Institute of Technology**
Brian Vaughan	**Dublin Institute of Technology CSAL**
Charlie Cullen	**Dublin Institute of Technology CSAL**
Lisa McCarthy	**Eneclann**
Niamh McDonnell	**Eneclann**
Bernadette Walsh	**Harbour Museum, Derry**
Nicholas Carolan	**Irish Traditional Music Archive**
Danny Diamond	**Irish Traditional Music Archive**
Treasa Harkin	**Irish Traditional Music Archive**
Jackie Small	**Irish Traditional Music Archive**
Matthew Addis	**IT Innovation, University of Southampton**
Ramona M. Riedzewski	**JD Consulting**
Cinzia Curtis	**Manx Heritage Foundation**
Chloë Woolley	**Manx Heritage Foundation**
Rosemary Day	**Mary Immaculate College, University of Limerick**
Simon Factor	**Moving Media**
Harry Bradshaw	**Music Producer**
Almut Boehme	**National Library of Scotland**
Dafydd Pritchard	**National Screen and Sound Archive of Wales**
Jonathan Draper	**Norfolk County Record Office**
Cathlin Macaulay	**School of Scottish Studies Archives**
Anselm Crispin Jewitt	**The British Library Sound Archive**
Will Prentice	**The British Library Sound Archive**
Mairead MacDonald	**Tobar an Dualchais**
Anna Bale	**University College Dublin Delargy Centre for Irish Folklore**
Patricia Moloney	**University College Dublin Delargy Centre for Irish Folklore**
Peter Carson	**Ulster Folk and Transport Museum**
Clifford Harkness	**Ulster Folk and Transport Museum**
Brian O'Mullane	**University College Dublin Department of Electronic Engineering**
Donal Moore	**Waterford City Archives**

RTÉ

Malachy Moran	Jim Hannon	Brid Dooley
Brian Rice	Peter Reilly	Eibhlin Ní Oisín
James Moynes	Marian Geoghegan	Liam Wylie
Anne O'Connor	Jack Smith	JP Coakley
Rob Canning	Diarmuid O'Sullivan	Adrian Moynes
Paula Maher	Ide Aherne	Brian Lynch
Joan Murphy		

BISA Workshop Programme

Friday 1st December 2006

10:30   Registration; refreshments in the Palatine Room

Morning Session – AV Theatre

11:00   Welcome: Dr. Anne O'Connor, Special Advisor to the Director General, RTÉ

11:15   ***How to produce content for websites.***
Liam Wylie (RTÉ Libraries and Archives)

12:00   ***The EASAIER project (Enriched Access to Sound Archives using Integration, Enrichment and Retrieval): developing tools to improve information retrieval within sound archives.***
Dan Barry (Dublin Institute of Technology)

13:00   Lunch – Palatine Room. Sponsored by: **CUBE-TEC**

Afternoon Session – AV Theatre

14:30   **Workshop.**
Planning your preservation project - Tools and Tips from the Prestospace Project.
Ant Miller (BBC Information & Archives); Dr Matthew Addis (IT Innovation, University of Southampton)

16:30   Break; refreshments – AV Theatre

17:00   **BISA General Meeting**

18:00   General Meeting concludes. Short slide show on RTÉ Radio Libraries and Archives for those who cannot attend the Saturday morning tour.

Evening Session

20:30   Field recording of Irish traditional music for broadcast and archive: RTÉ Radio 1 Céilí House recording in The Cobblestone, Smithfield, Dublin 7. Please arrive promptly!

Saturday Archive Tour

10:00am   Coach departs from Park Inn hotel in Smithfield for guided tour of RTÉ Radio Libraries and Archives

12:30pm   Coach departs from RTÉ to Park Inn hotel via O'Connell Street

Presentations

How to produce content for websites.
Liam Wylie (RTÉ Libraries and Archives)

Why provide access to our Archives?
- Producer of historical records now curator of historical records
- Increasing demand for access to these records
- Public Service Broadcaster – a new challenge

Considerations in providing online access
- What is actually possible in providing access v public expectation?
- http://www.youtube.com "broadcast yourself"
- A central contact point for RTÉ Libraries and Archives
- Hosted by http://www.rte.ie/libraries/
- Went live in Autumn 2005
- 132 radio clips 149 television clips and 329 images
- 13.7 hours of audiovisual archive online
- Curatorial approach
- Site produced by 2 people 1 full time and 1 part time
- 485,619 page impressions
- Production Steps
- Decide on topic
- Research
- Editing – create streaming files
- Write text
- Images
- Rights check
- Proofing and fact checking
- Create web pages
- Upload and publish
- Production Approach
- Offer visitors to the site the opportunity to Look at and Listen to selected archive material.
- Provide context for the presented audio or video
- Take different media from different eras and productions and present them in one place.

Benefits
- Begins to address idea of public access
- Allows RTÉ to publish some of its own history
- Raised the profile of the RTÉ Archives
- Feeds into other areas: Transfers/catalogues updated
  Broadcast schedules
  Library Sales

What is next?
- Grow the current site
- Publish online catalogues
- Provide access to special collections
- Work with outside agencies on developing archive collections on line
- Offer downloads

About Liam Wylie
Liam describes himself as poacher turned gamekeeper – a documentary film maker and latterly a film archivist for the Irish Film Archive. Liam has worked in RTÉ TV Libraries and Archives since 2004 as the content producer for http://www.rte.ie/libraries

Enabling Access to Sound Archives through Integration, Enrichment and Retrieval

Dan Barry (DIT Department of Electronic Engineering)

Many digital sound archives still suffer from tremendous problems concerning access. Materials are often in different formats, with related media in separate collections, and with non-standard, specialist, incomplete or even erroneous metadata. Thus, the end user is unable to discover the full value of the archived material. To expose the inherent value of the archived material, powerful multimedia mining techniques are needed, in combination with content extractors, meaningful descriptors, and visualization tools.

This is the motivation for the two and a half year European project, Enabling Access to Sound Archives through Integration, Enrichment and Retrieval (EASAIER). EASAIER allows archived materials to be accessed in different ways and at different levels. The system will be designed with libraries, museums, broadcast archives, and music schools and archives in mind. However, the tools may be used by anyone interested in accessing archived material; amateur or professional, regardless of the material involved. Furthermore, it enriches the access experience as well, since it enables the user to experiment with the materials in exciting new ways.

EASAIER implements recent advances in machine learning, music and speech processing, and information retrieval. Furthermore, it addresses a growing demand for interactive electronic materials. Outcomes will be valuable to both sound archive content providers and end-users. By enriching and organizing the materials in the archive, we will create new and innovative methods of access. This enhanced access stimulates use, because multimedia resources will be connected, and archived material will be exploited and made visible to the right users. This will be deployed in connection with strong evaluation studies using communities of users and content managers.

EASAIER will provide a unique, friendly interactive experience, utilizing state-of-the-art technologies to increase the effectiveness of sound archive access. Most importantly, all of this will be done in a reactive manner, in direct response to user needs. These inter-connectable components will be devised, developed, and tested in connection with user communities and content distributors. Previous work within the digital library community has identified strong demand for specific tools. Rather than 'guessing' at demands for new technology, these demands have been specified and this project is focused on addressing these needs. This minimises risk and greatly increases the impact of this work.

About Dan Barry
Dan Barry is a senior researcher with the audio research group in the Dublin Institute of Technology, Ireland. Currently he is DIT's technical coordinator on the FP 6 EASAIER project. He holds a degree in electronic systems design and a masters in Digital Signal Processing for audio. He is currently finishing a PhD on Audio Signal Separation.

See also www.easaier.org

Workshop: Planning your preservation project - Tools and Tips from the Prestospace Project.

Ant Miller (BBC Information & Archives)
Dr Matthew Addis (IT Innovation, University of Southampton)

- Intro to Prestospace
    - o Prestospace background
    - o Preservation, Storage, Restoration, Access
    - o PrestoSpace websites and wikis

- The preservation process
    - o Digitisation and storage processes
    - o Cost areas and optimisation
    - o Costing projects based on activities and effort

- Online calculators
    - o Calculators walkthrough
    - o 'Ask the Audience' session

- Advanced cost modelling
    - o Digital archive models
    - o Media degradation models
    - o Sources of information
    - o Spreadsheet for long term digitisation and storage projects

- Value and business cases
    - o Cultural and commercial value
    - o Commercialising archive assets

About Dr Matthew Addis
Matthew is a manager at the IT Innovation Centre (www.it-innovation.soton.ac.uk) on a range of applied research projects that demonstrate the use of novel information technology in cultural heritage, the creative industries, and scientific and engineering applications. Matthew's main area of interest is creating, storing, archiving, curating, managing, searching, navigating, delivering, using, and repurposing multimedia content. For example, in the European PrestoSpace and eCHASE projects, Matthew is developing cost models for digitisation and storage of audiovisual archives and investigating how public-private partnerships can lead to increased use of cultural heritage content in education and publishing. Matthew has a PhD in Physics from the University of Southampton.

About Ant Miller
Ant Miller is a Prince 2 certified project manager, coordinating the BBC I&A input to two DTI projects, managing elements of the BBC participation in the Prestospace EU project, and a project manager of the Radio Digital Archive project. Ant has extensive knowledge of storage issues facing the broadcast industry, and is active within a number of industry bodies representing the interests of the BBC in particular and audio visual archives in general. Ant also maintains contact with many commercial companies and academic research institutions within the industry, bringing together storage and service provider expertise with the needs of the archives. Ant has worked for the BBC Information & Archives for five years on a number of key infrastructure projects, and was previously a project manager on multinational web builds. Ant has a BA hons in Artificial Intelligence from the University of Sussex.

See also: http://www.prestospace.org/
                  http://prestospace-sam.ssl.co.uk
                  http://www.bbcarchive.org.uk/

Cube Tech International

Cube-Tec, as the successor to the engineering firm Houpert Digital Audio, benefits from 15 years of international experience in DSP research & development work. Cube-Tec products - AudioCube, QUADRIGA and DOBBIN are used by some of the world's most sophisticated facilities in the mastering, broadcast and audio archival communities.

Those include: Bernie Grundman Mastering, Gateway Mastering (Bob Ludwig), Sterling Sound (Ted Jensen, Greg Calbi), and The Library of Congress. Additionally, CubeTec products are utilized by the national archives of the USA, Australia, Denmark, Belgium, New Zealand and Luxemburg, Sonopress/Bertelsmann, Universal Music Studios (Germany), National Public Radio (USA), German broadcasters ARD, ZDF and the larger television stations in Austria, Switzerland, Finland, Sweden, Japan and Korea. RTÉ have recently purchased a new generation of Quadriga equipment from Cube Tech International.

City map