IAML Australia Conference 2015 “Portals and Pathways”

1 – 2 October 2015, Sydney

Kindly supported by Australian Music Centre, APRA AMCOS & Australian Institute of Music

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Sponsor of our 2015 Travel Bursary

#iamlsydney15

IAML International Association of Music Libraries AUSTRALIA

International Association of Music Libraries, Archives and Documentation Centres (IAML)
International Musicological Society (IMS)

#IAML2015

http://www.iaml.info/congresses/2015-iamlims-new-york

Compilation by
Linda Papa, Denise Tobin and Georgina Binns

Lincoln Center

Juilliard School - next door
to the Lincoln Centre

IAML IMS NYC 2015

MUSIC RESEARCH IN THE DIGITAL AGE

Take your pick!
76+ sessions (often 5 concurrent sessions)

Main themes:

- digitising projects
- metadata standards
- data curation
- big data and linked data expectations and challenges
- copyright
- collaborations and partnerships
- use of digital tools/platforms for research and teaching

Opening session: Digitizing Musical New York

- Carnegie Hall archives
  http://www.carnegiehall.org/History/Carnegie-Hall-Archives/

- Brooklyn Academy of Music Hamm Archives
  http://www.bam.org/about/history/bam-hamm-archives

- New York Philharmonic Leon Levy Digital archives
  http://archives.nyphil.org/

Opening session

Carnegie Hall Archives

Carnegie Hall Archives

The Carnegie Hall Archives preserves thousands of concert programs, posters and fliers, musical manuscripts and autographs, administrative files, and architectural drawings that tell the story of the musicians, politicians, and world figures that have appeared in nearly 50,000 events since 1891.

Learn about the history of the Carnegie Hall Archives.

Collections

Administrative Records and Papers
Get an in-depth look at our multiple collections of historical administrative documents.
More Info ›

Personal Collections
Explore materials collected by or related to individuals such as conductor Walter Damrosch, Carnegie Hall house manager Louis Salter, and author David Ewen.
More Info ›

General Collections
Our archives are home to collections of correspondence, autographs, ephemera, video, manuscripts, and more.
More Info ›

Digital Archives Project

Digital Archives Project
Carnegie Hall's Archives has embarked upon a multi-year initiative that will preserve and digitize most of the Hall's historic collections.
More Info ›

Rose Museum

Rose Museum
Explore our history through displays of artifacts and memorabilia.
More Info ›

Help Build Our Collections

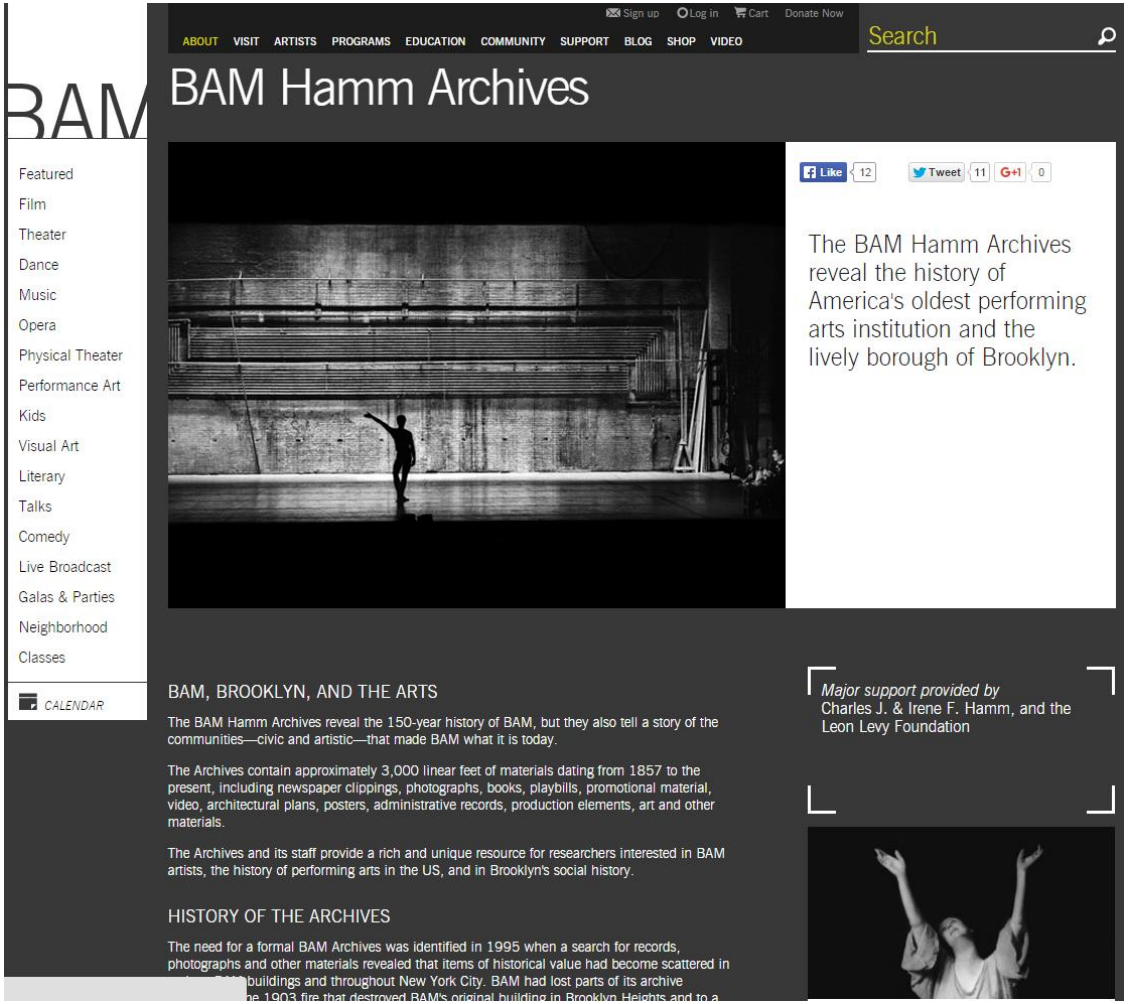
Call for Materials
Have anything related to our history? We would love your contribution.
More Info ›

Join Us

http://www.carnegiehall.org/History/Carnegie-Hall-Archives/

Opening session

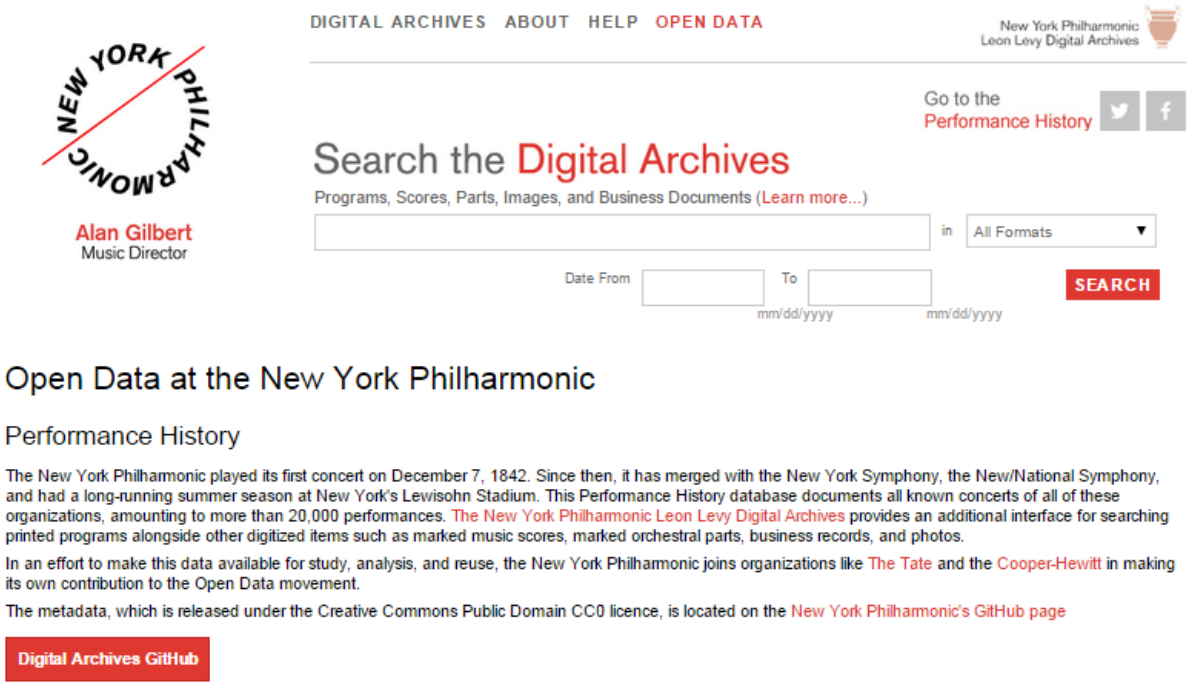
Brooklyn Academic of Arts Archives



http://www.bam.org/about/history/bam-hamm-archives

Opening session

New York Philharmonic Orchestra Archives



http://archives.nyphil.org/

Digitization projects

Planning

- consider site goals, target audience
- engage technical consultants or partners
- use assets/resources from public domain, metadata tagging, linked data, open source platforms

Philanthropic support

- publicising projects via newspaper articles, events, etc. gains contributions of material + more $ support

Track usage - Google analytics, social media

Digitization projects and the semantic web

Silos of information on web – need to be broken down

- FRBRoo conceptual model - http://www.cidoc-crm.org/frbr_inro.html

(integration and interchange of bibliographical and museum information)

- *Project Doremus* - http://www.agence-nationale-recherche.fr/?Project=ANR-14-CE24-0020 – consortium working on developing common knowledge models (ontologies) and shared multilingual controlled vocabularies to cultural institutions, publishers and distributors

Opera and Ballet Primary Sources (OBPS) - http://sites.lib.byu.edu/obps/

- uses metadata to link to other music scanning initiatives –indexes/databases, including Stanford University's *Opening Night!* index (points to sources)
- uses standard Authority Files for verification of names and works – *Grove Music Online,* ViAF

Music research - digital tools, scholarship

Tools

TEI (Text Encoding Initiative), MEI (Music Encoding Initiative), MEI customized (e.g., as plugin to use with *Sibelius*), OCR, Omeka (free, open source multi-modal) – data can be viewed and re-used …

Scholarship

- Tools applied to scans of text and music notation that have been 'cleaned up'
- Use of digital tools lead to new questions, and so to deeper knowledge of texts/scores
- Sharing research in development phase (pre-pub.) leads to further peer/public input

Music research- some projects

- Investigating process of librettist in adapting a play - French play to Italian libretto. Anaylsis of dramatic interactions, etc. - use of TEI and Omeka - http://omeka.org/showcase/ ; analysis using social network theory – questioning changes; digital analysis complements (not substitutes) (Francesca Giannetti, Digital Humanities Librarian, Rutgers)
- Word frequency analysis of music appreciation texts of early 20th century - text mining, use of TEI (Robin Preiss, Librarian and PhD candidate, NYU)
- Use of digital tools in traditional musicology - 1) recreating missing parts in Renaissance chansons; 2) new perspective to online editing – use of MEI + (Music researchers -Tours, France)
- How digital media promote new editorial concepts - Freischütz edition – code-based ed.- ability to show/link facsimile, libretto, audio (Music researchers – Bonn & Detmold, Germany)

Notice: Return in research emphasis to the actual work/object!

Music researchers' technology needs

Frans Wiering (musicologist, computer programmer):
http://www.staff.science.uu.nl/~wieri103/
- adoption of software tools in research practices
- insights into work processes and technology needs

Conducted survey into digital needs of researchers
- by country, age, gender, area of music scholarship

Benefits and frustrations of technology
- Technology developers need to understand needs of researchers – further survey coming

Music research – music cataloguing

Collaboration between library - Metadata standards for digital resources (MODS - MARC-compatible XML schema for encoding descriptive data; METS – flexible XML schema for packaging descriptive metadata) http://www.loc.gov/standards/mods/presentations/mets-mods-morgan-ala07/ and musicology (RISM)

Music Special Collections of the BnF for and with researchers/musicologists - *Gallica* – IReMus - http://www.iremus.cnrs.fr/

EAD (Encoded Archival Description) - http://www.loc.gov/ead/

Cataloguing music holdings – merge library cataloguing standards with MEI

Collecting resources in digital age

- Self-publishing
- self-publishing composers – problems of exposure and curation – stats in OCLC indicate poor level of library acquisition

- Progress in addressing the problem
- Contemporary Composers' Web Archive (CCWA) – collecting composers' websites

- International Music Scores Library Project (IMSLP) – established Public Domain music resource

- developing links with national libraries – e.g., *Gallica* database of BnF

Searching

Finding information

- Libraries: contain physical items, digital items

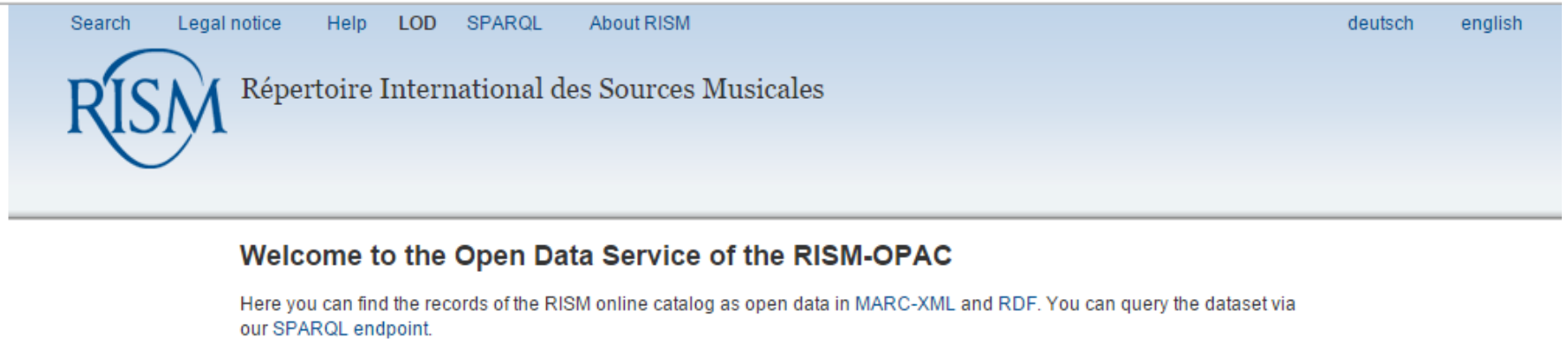
- Future knowledge environments: linked data – knowledge base – knowledge graph

- Current search – keyword search, reliant on rich catalogue data and indexes
- Future search – targeted across multiple sources, e.g., DBpedia – to allow searching in more complex way across wikipedia - http://wiki.dbpedia.org/

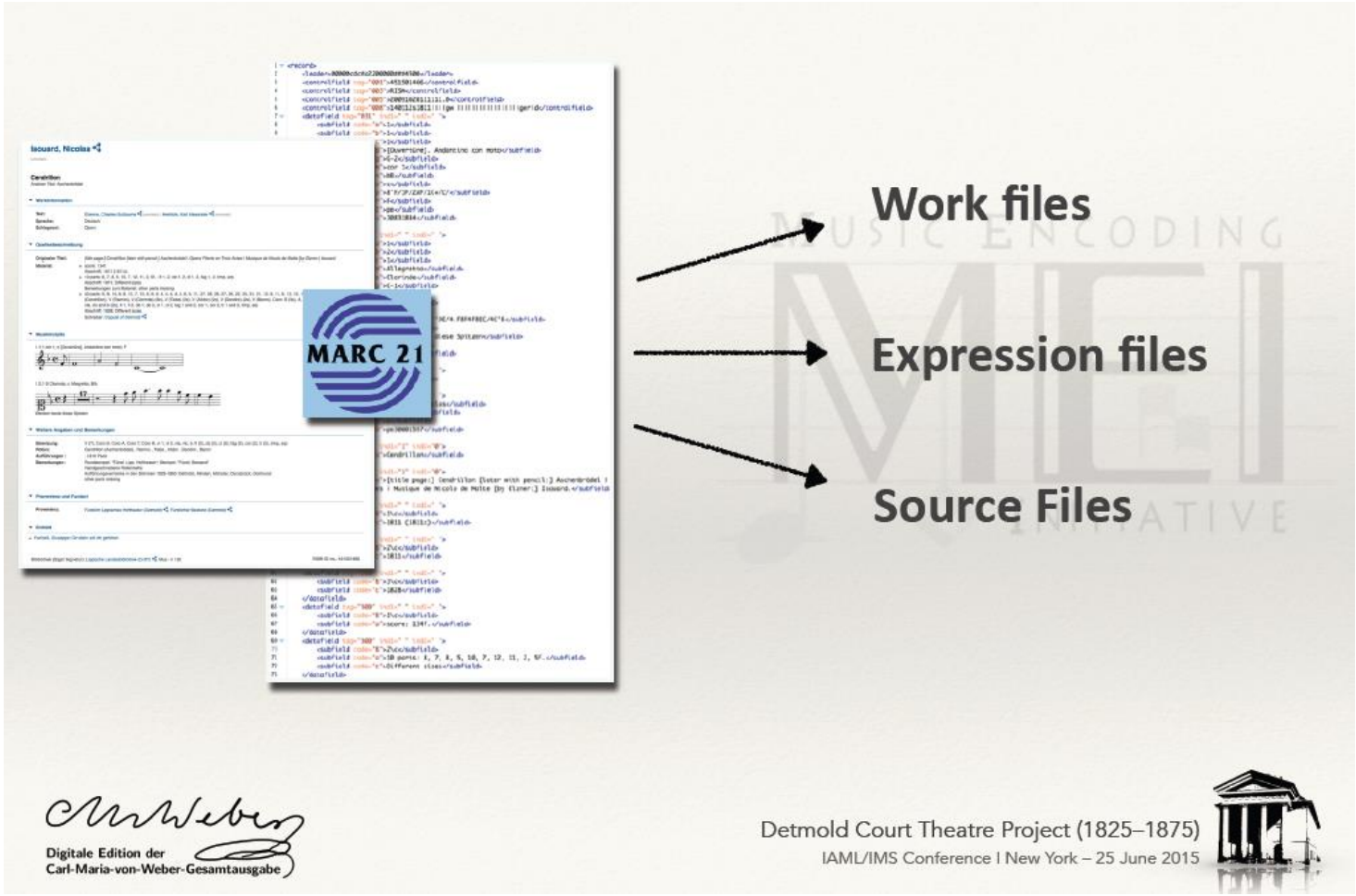
New approaches of cataloguing musical holdings with MEI and TEI

Kristina Richts (Research Assistant, Musicological Institute of the University of Paderborn and the Detmold University of Music, Detmold)

- Linking points sought (performers/musician in theatre company)
- FRBR model
- Combining different cataloguing standards
- Combining MEI & TEI schemas
- Style sheet used to map/extract to MEI files
- separate files for Work, Expression, Manifestation/Source, Item
- MEI files expand on RISM files
- XML source files



http://www.iaml.info/sites/default/files/pdf/ny_iaml_hoftheater_richts_mei.pdf

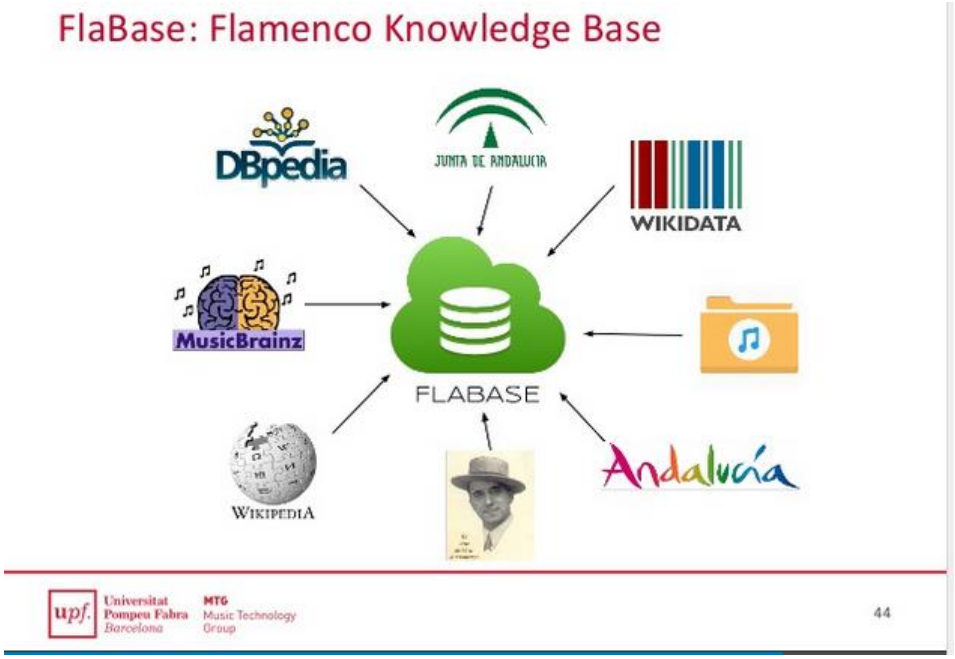


http://www.rism.info/fileadmin/content/community-content/events/New_York_IAML_2015/Richts_Stadler_NY_RISM_IAML.pdf

Semantic Web

Knowledge acquisition from music digital libraries
Sergio Oramas (Music Technology Group, Pompeu Fabra University, Barcelona), Mohamed Sordo (Music Technology Group, Pompeu Fabra University, Barcelona)

“The Semantic Web aims at converting the current web, dominated by unstructured and semi-structured documents into a web of linked data.”



Wikipedia (unstructured, keyword search)

DBPedia (structured, query search)

http://www.slideshare.net/soramas/knowledge-acquisition-from-music-digital-libraries

Both sides now: The Mariposa Folk Festival and a Linked Open Data Testbed

(Stacy Allison Cassin, Associate Librarian, York University, Toronto)

Challenges and observations with Linked Open Data

- Curation required to put Linked Data to practice
- Linked data a messy middle ground between archival and library practices (requires bridging divides in these 2 practices)
- What if there are no clouds (ie. Not all data is in the cloud to be harvested)
- Linked data depends on good, rich data sets (dbpedia not enough)
- Ontologies – what is available is uneven, does one build own ontologies?

LOD is hard

- No clear “right way” in terms of tools/systems
- Still requires great deal of manual and intellectual handiwork
- Curation is becoming more important
- What skill sets are required of the librarian?

What do Musicologists do all day?

(Work processes and adoption of software tools)

Dr Frans Wiering, Utrecht University and Dr Charles Inskip, University College London

http://www.staff.science.uu.nl/~wieri103/presentations/WDMDAD-IAML-IMS.pdf

Frustrations

- Clunky, unintuitive programs (eg. NVIVO, etc), images difficult to work with, Finale/Sibelius poor interactions

Risks

- Vast majority of material not yet digitised, over-looked physical items, incomprehensive, digital speed reduces depth/detail, not authoritative enough, laziness.

Limitations

- Non-affiliated researchers not having access to digital resources, daunting (messy) hit results, browsing less productive than in library stacks, material doesn't substitute

Positives

- Access

Benefits

- Access, potential for greater questions, quantifiable, ability to be scientific

Values (Musicological values technology developers need to understand)

- Completeness
- Depth of analysis
- Accuracy
- Sustainability
- Serendipity

Information Literacy

Applying ACRL's new framework for information literacy in music classroom and studio settings

Misti Shaw (Music & Performing Arts Librarian, De Pauw University, Greencastle, IN)

- Authority Is Constructed and Contextual (Quality concept)

  - What score edition are available? What are they? What is their authority? Which editions should be used? What recordings are available? Who is the performer? How is their expertise relevant? Why choose one over the other? Why not?....Etc

- Information Creation as a Process

  - Scores, recordings, articles (editing and review process can indicate type of product)

  - Choosing a product might need to take into account process of creation. (live recording? or heavily edited studio recording?)

- Research as Inquiry

  - Performance practice issues. Markings in scores? Slurs? Schools of thought? If no right answer, how will you communicate choice?

- Scholarship as conversation

  - Currency, performance practice decisions, renditions, context

- Searching strategies

  - Specialised tools for music exploration (thematic catalogues, repertoire guides, etc), multiple formats and varying titles (uniform titles), specific databases, browsing shelves that to find scores.

Information Literacy

Searching for music in the digital age

Kirstin Dougan (Music and Performing Arts Librarian, University of Illinois at Urbana Champaign, Urbana, IL)

- Report on a study on music searching behaviour

http://www.iaml.info/sites/default/files/pdf/douganiaml2015slideswithnotes.pdf

Delivery of music research methods instruction through a flipped class room lens: Enhancing library instruction in a digital learning environment

Carolyn Doi (Music & Education Liaison Librarian, Education & Music Library, University of Saskatchewan, Saskatoon)

- 7 hours of instruction to 1st year students
- Use of Camtasia for video creation and hosting on YouTube channel

http://www.iaml.info/sites/default/files/pdf/iaml_presentation_2015_doi_posted.pdf

Music Libraries and Digital Humanities

Music Libraries partnering with researchers

Music libraries and digital research. Strategic considerations and perspectives of the Saxon State and University Library Dresden, Germany

Barbara Wiermann (Sächsische Landes, Staats und Universitätsbibliothek Dresden)

Role of library

- bibliographical data, including uniform title with information genres and medium of performance
- technical infrastructure (data management platform, visualising tools)

Role of Musicological Department

- Transcriptions
- Interpretation of data

Digital Humanities – music applications

- Robin Preiss, NY University - Word Frequency Analysis of Music Appreciation Texts

- Using software – Minitab, SPSS, Rstudio to analyse and visualise clusters, relationships, emerging themes.

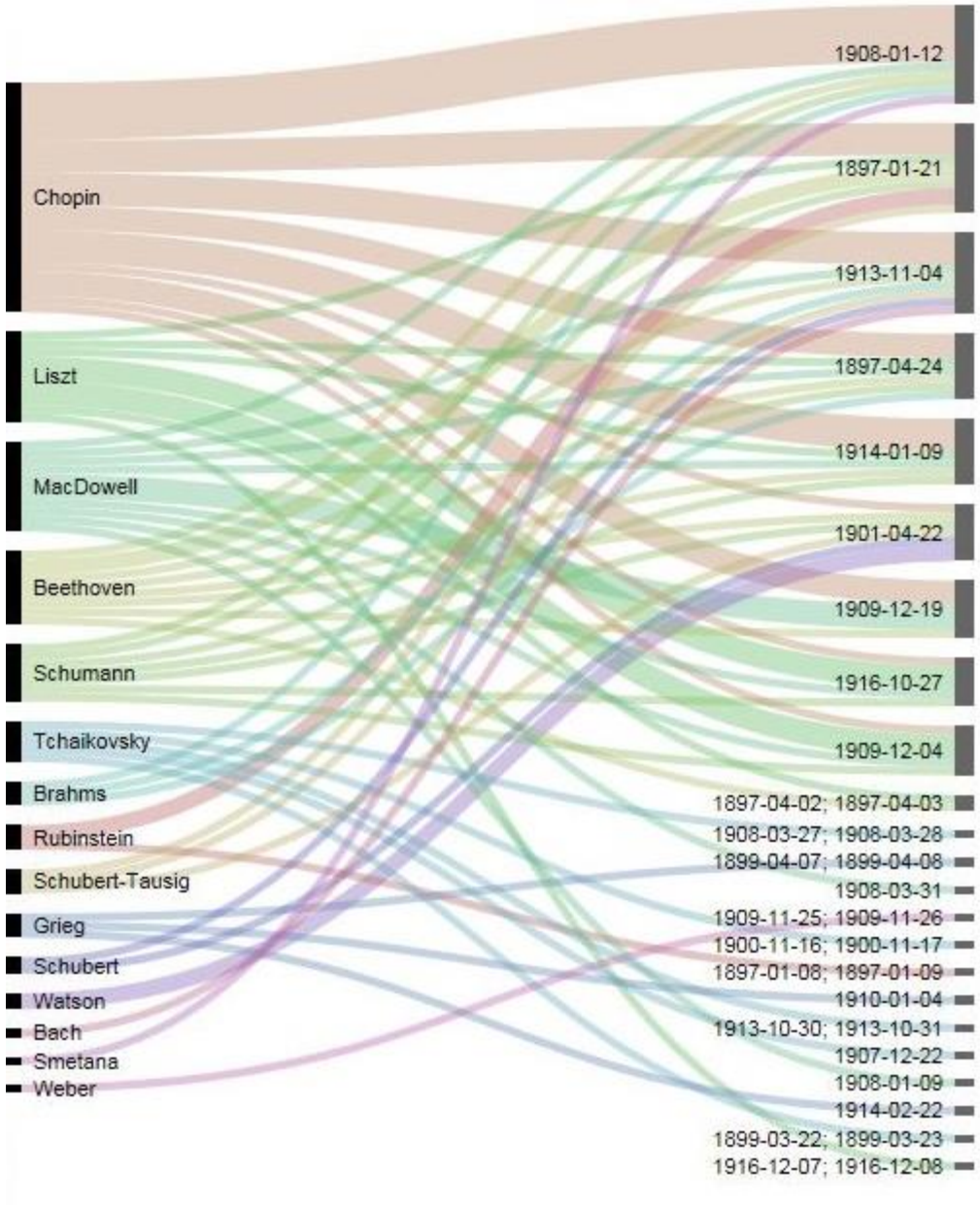
http://www.iaml.info/sites/default/files/pdf/iaml-ims2015_preiss_presentation.pdf

Digital Humanities – music applications

- Anna E. Kijas - Boston College University
- Researching Teresa Carreno –pianist/composer via multimodal applications
- Software – Omeka, CartoDB – spatial and temporal performance data, Geo-dispersal of tours
- http://bit.ly/1Iag2i7

Carreño at Carnegie Hall, 1897-1916

Alluvial diagram of the most frequently performed composers during Carreño's performances at Carnegie Hall.



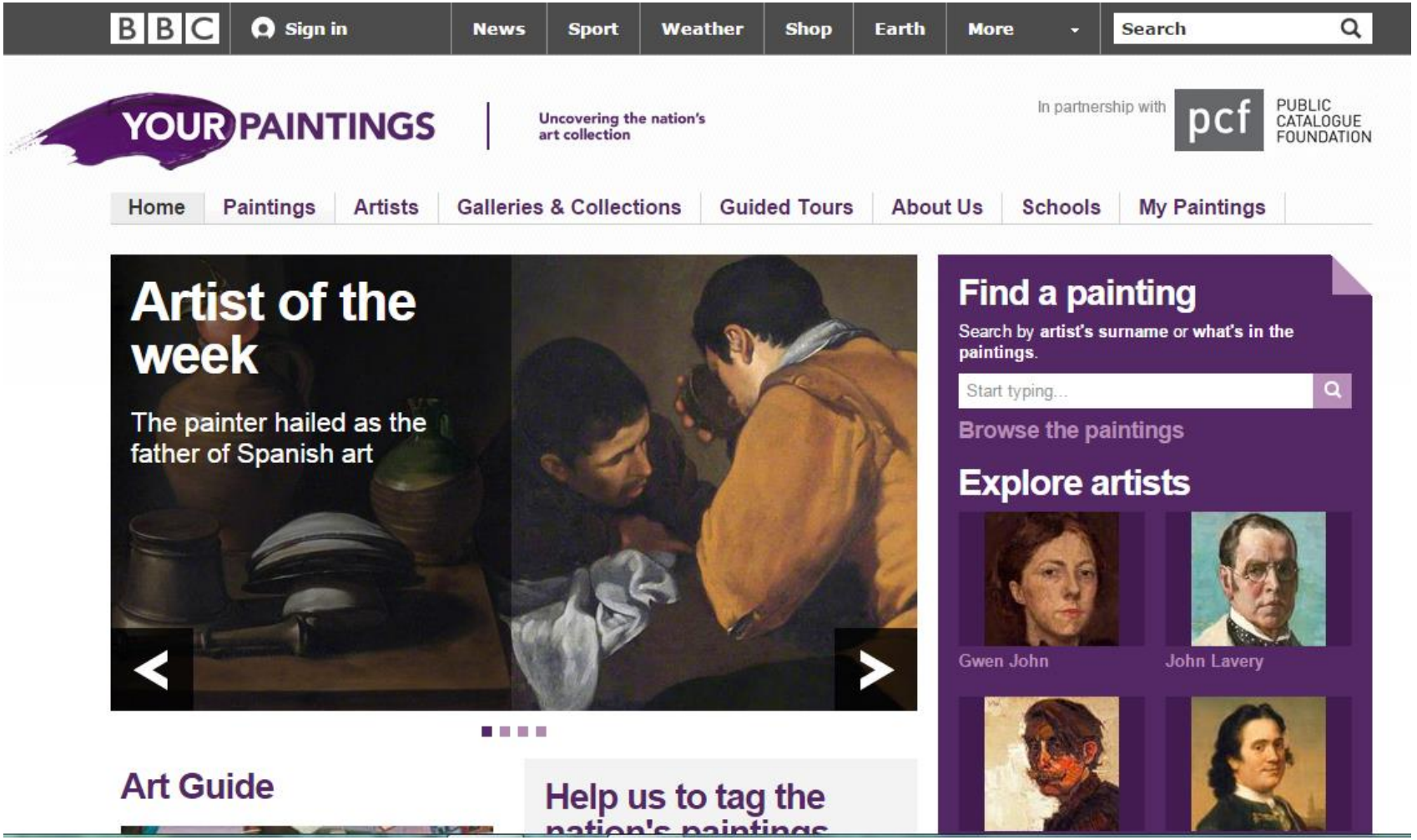
Handel Collection @ Foundling Museum, London – Katherine Hogg

- Collected by Gerald Coke 1930-90
- Includes Handel's will, scores, ephemera, cuttings
- Using InMagic eventually plans to be included on COPAC
- Working with Bridgeman Images, University of the Arts Camberwell, West Dean College on curatorial projects – partnerships.
- Paintings – which are included in *Your Paintings*

- **http://foundlingmuseum.org.uk/exhibitions-collections/collections/**

http://www.bbc.co.uk/arts/yourpaintings/

Collaboration - institutions and the public



Keyword Search - Handel

George Frideric Handel
Francis Kyte

George Frideric Handel
Thomas Hudson
(follower of)

George Frideric Handel
Bartholomew Dandridge
(after)

George Frideric Handel
Thomas Hudson

George Frideric Handel
Thomas Hudson
(copy after)

George Frideric Handel
Balthasar Denner
(attributed to)

George Frideric Handel
Thomas Hudson
(copy after)

George Frideric Handel
unknown artist

George Frideric Handel
(1685–1759)
William Hogarth
(circle of)

George Frideric Handel
(1685–1759)
William Hogarth
(circle of)

George Frideric Handel
(1685–1759)
German School

George Frideric Handel
(1685–1759)
William Hoare

George Frideric Handel
(1685–1759)
Thomas Hudson
(school of)

George Frideric Handel
(1685–1759)
Francis Kyte
(attributed to)

George Frideric Handel
(1685–1759)
unknown artist

George Frideric Handel
(1685–1759)
Thomas Hudson
(after)

George Frideric Handel
(1685–1759)
Thomas Hudson
(after)

George Frideric Handel
(1685–1759)
Balthasar Denner
(after)

Keyword search - flute

A Shepherd Teaching a Shepherdess ...
Luigi Dominique Soldini
(attributed to)

Abstract with Fluted Side
unknown artist

An English Flute off Satalia
Jan Peeters I

An Old Man with an Open Book and a ...
Flemish School

Bamboo Flute
Ken Hamilton

Boy with a Flute
Abraham Bloemaert

Child Angel Playing a Flute
Bernardino Luini
(attributed to)

Flute and Harp
Thérèse Lessore

Flute Player
George Callaghan

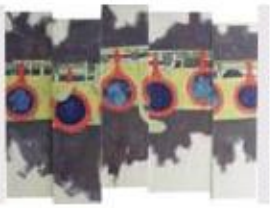
Frederick the Great of Prussia ...
unknown artist

Girl with a Flute
Johannes Cornelisz. Verspronck

Interior with a Flute Player
Joseph Le Roy

Italian Peasant Family with a Boy ...
Italian (Neapolitan) School or Italian (Roman) School

Landscape with Three Figures ...
Reginald Brill



Lisa's Flute
David Bennett

Man with a Flute and a Dog
Jan van Bijlert
(attributed to)

Men Carousing and a Man Playing a ...
Egbert van Heemskerck the elder

Portrait of a Gentleman with a ...
unknown artist

New York Public Library for the Performing Arts, Lincoln Center-

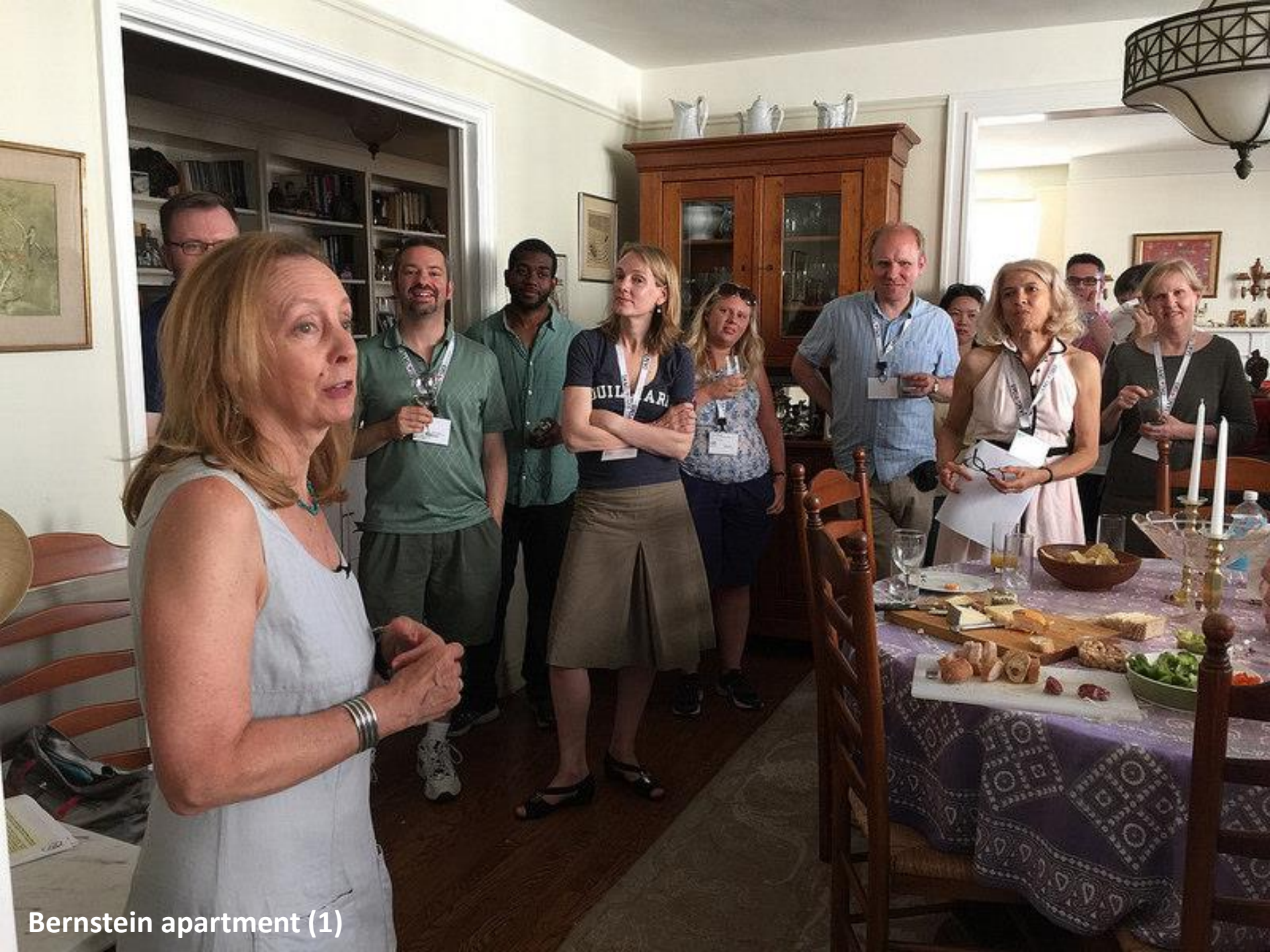
New York Public Library

New York Public Library
- stacks

New York Public Library - stacks

Bernstein’s New York
(excursion) – Central Park

Carnegie Hall Education Space



Bernstein apartment (1)

Bernstein apartment (2))

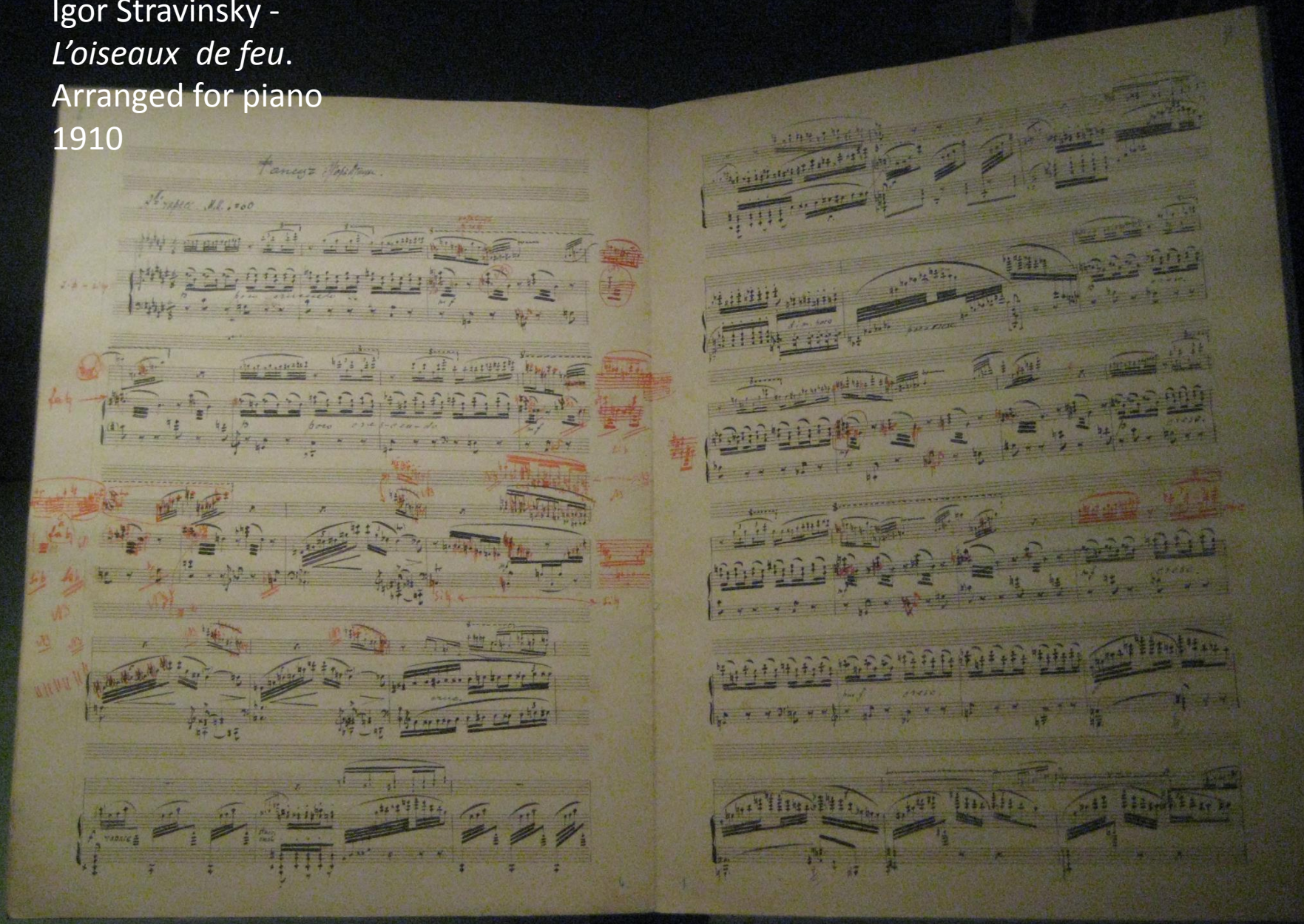
Columbia University
Butler Library

BUTLER
LIBRARY

IAML IMS
IAML IMS
IAML IMS

The
Morgan
Library &
Museum

Igor Stravinsky -
L'oiseaux de feu.
Arranged for piano
1910



Mendel Music Library
@ Princeton University

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princetonuniversityconcerts.org

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