University of Glasgow

Infrastructures for a democratic musicology

TIMOTHY DUGUID

@tdrdoog

http://muso.arts.gla.ac.uk

Democratic?

- Users
- Creators
- Topics
- Formats

Users: Open Access

Courtesy of PLoS [CC BY-SA 3.0], from Wikimedia Commons

Open solutions

http://www.wode.div.ed.ac.uk/

the Church Service Society

active in the renewal of worship since 1865

About Us | Journals | Wode Psalter | Singing the Reformation

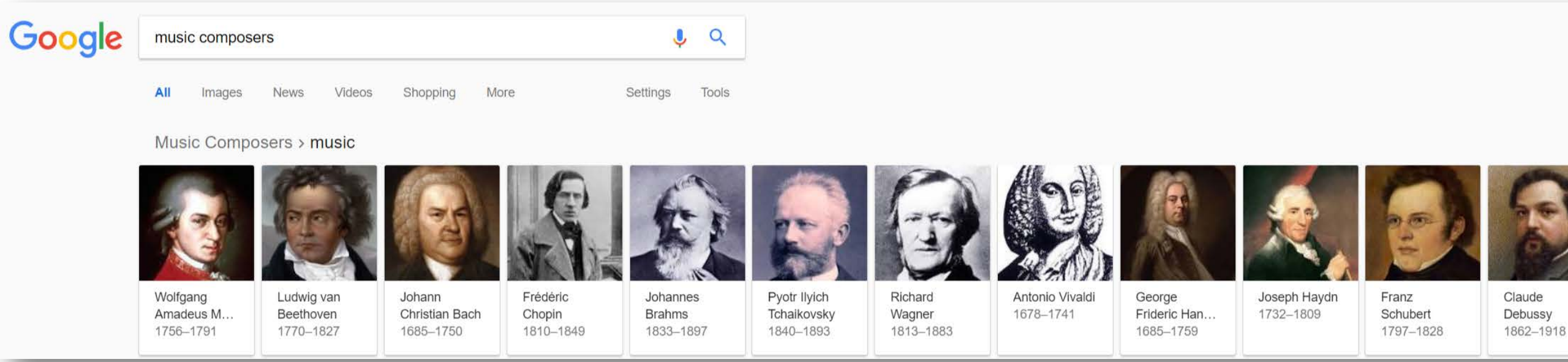
Four Part Psalms

	Title	Composer/Arranger	Arrangement	Download
▶	Psalm 19	David Peebles	Voicing: SATB Metre: DCM	MP3 PDF PDF

http://www.churchservicesociety.org/wode

Creators: Valuing contributions

By Testbirds GmbH [CC BY-SA 4.0], from Wikimedia Commons



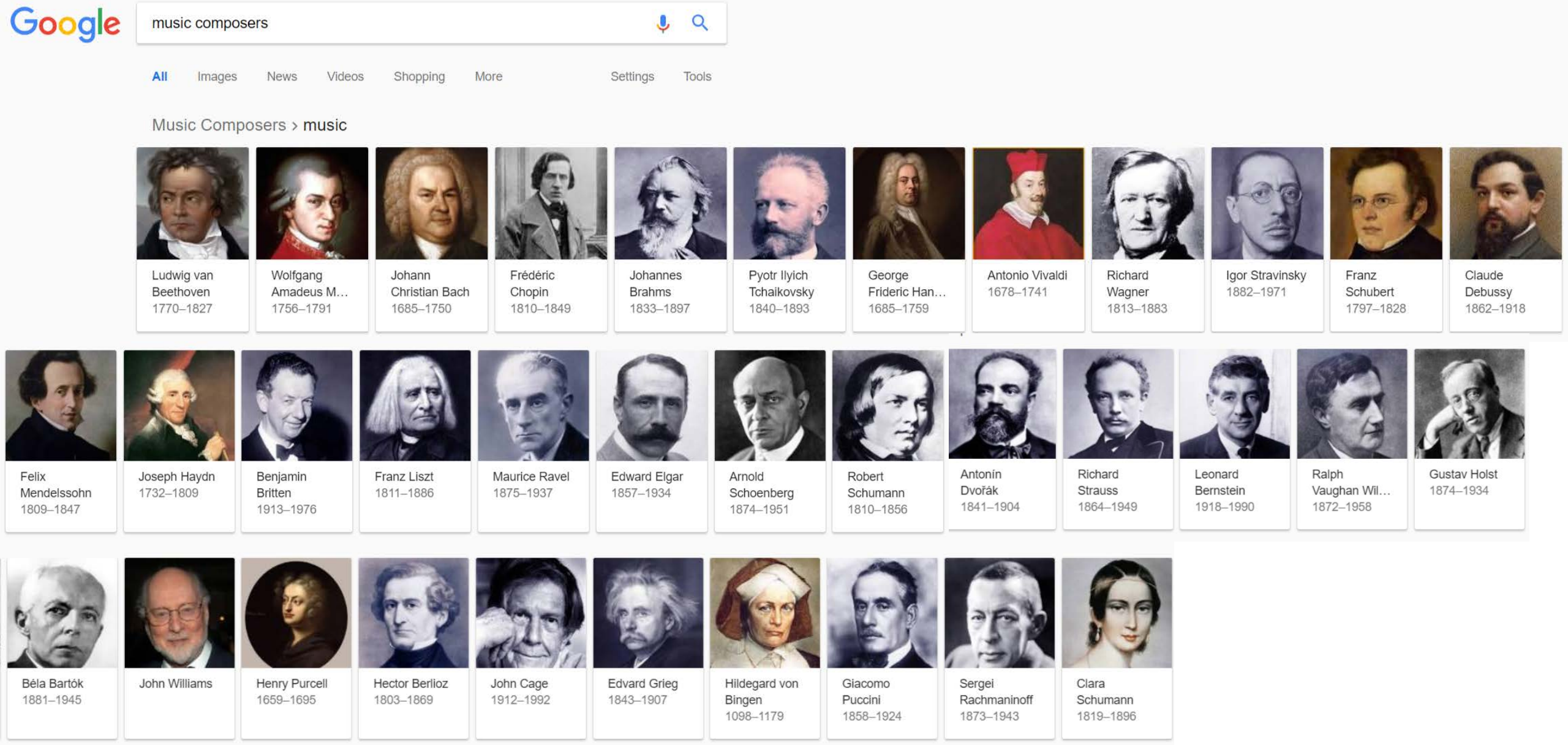
Topics: Challenging the canon

Content: Effects of canon

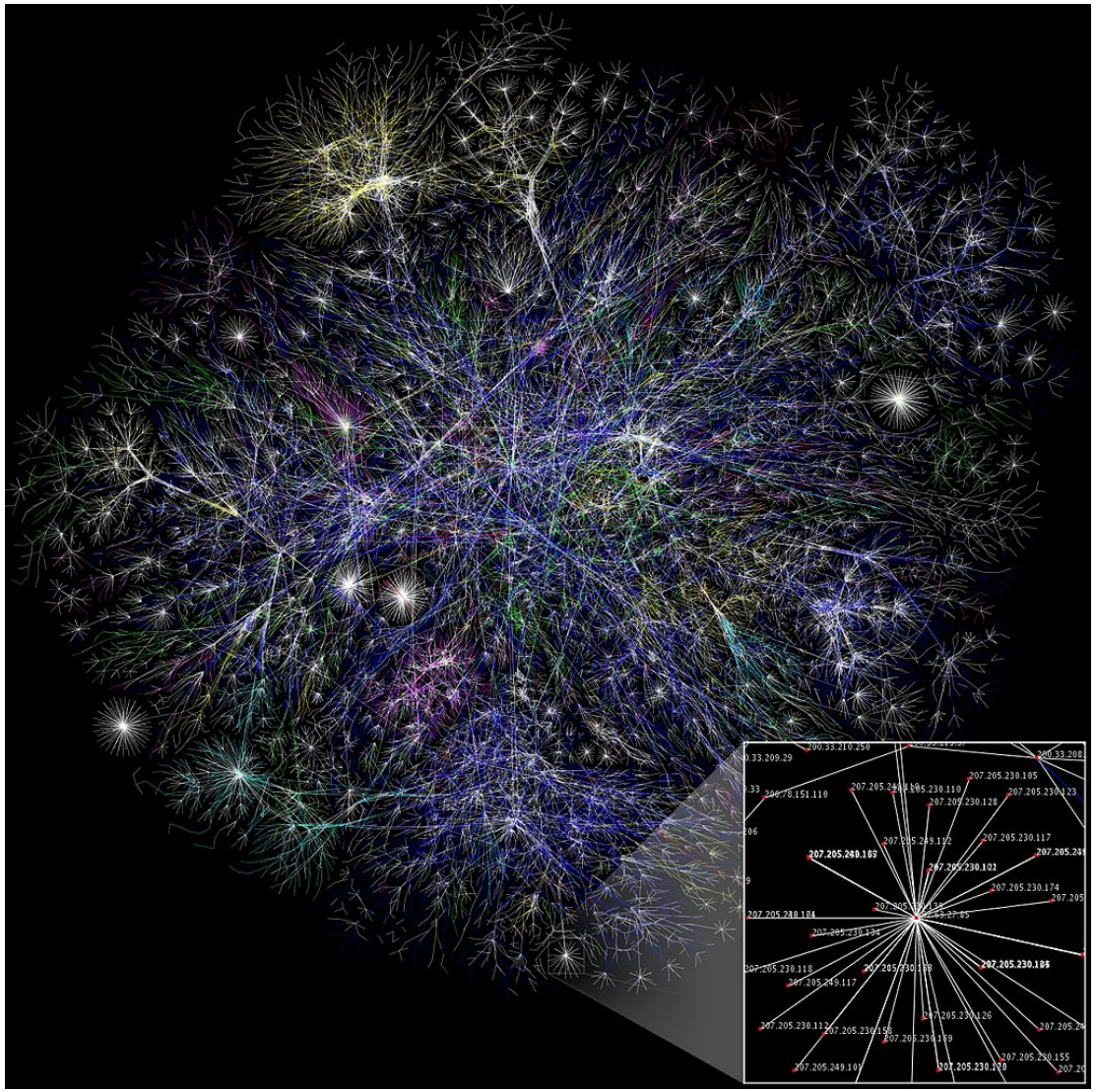
Of 3,864 individual performances by 98 American Symphonies, 3,058 were by Beethoven, Mozart, Brahms, Tchaikovsky, Ravel, Dvořák, Sibelius, Strauss, Stravinsky (Baltimore Symphony Orchestra, 2016)

Only 1.7% were composed by women, and all were living

‘Dublin Philharmonic Orchestra in performance’, image by Derek Gleeson [CC BY-SA 3.0], from Wikimedia Commons



From Anna Kijas, 2008 https://medium.com/@kijas/https-medium-com-kijas-what-does-the-data-tell-us-926ba830702f



A digital opportunity

[In the pre-digital era] ‘There really was no way for one person to know thousands or tens of thousands of musical pieces at least at the level of detail that allowed near-infallible knowledge of what happens in each passage in perceptible detail.’ – (Cuthbert, 2018)

‘Recent developments in computational musicology present a significant opportunity for renewal…there is potential for musicology to be pursued as a more data-rich discipline than has generally been the case up to now’ (Cook, 2004)

‘If we continue to exclude works by women, people of color, and non-canonical composers, then how useful will our data be and for whom?’ (Kijas, 2018)

‘Partial map of the internet’ by The Opte Project [CC BY 2.5], from Wikimedia Commons

Formats: Beyond typewriters

Courtesy of Jorge Royan [CC BY-SA 3.0], from Wikimedia Commons

Multimodal interdisciplinarity

Digital audio

Digital imaging

Digital video

Dynamic ‘recordings’

Dynamic scores

GIS-enabled data

Multimedia annotation

Visualisation

Music Scholarship Online (MuSO)

2015-16 – National Endowment for the Humanities Start-up Grant

2016 – Joined the Advanced Research Consortium (ARC)

2017 – Europeana Research Grant

- Maristella Feustle, University of North Texas
- Francesca Giannetti, Rutgers University

europeana
think culture

arc

NATIONAL ENDOWMENT FOR THE
Humanities

MuSO & digital preservation

1. Promote discovery and preservation of born-digital content
2. Data integration through aggregation
3. Discovery-level metadata

Digital review

1. To whom is this content interesting?
2. How does the project make its materials manifest, exposed, and documented?
3. What is the sustainability plan for the project?
4. Does the project achieve its own goals?

Projects will be reviewed by both technical and subject experts

Practice in aggregation

1. Digital scholarly outputs
   - Multimodal, multidisciplinary content
   - Scholarly recasting of primary materials
2. Digitised content from cultural heritage institutions (as approved by the editorial board)

The MuSO metadata schema

RDF tag	Vocabulary
muso:iiif	IIIF manifest
muso:rism	Répertoire International des Sources Musicales Sigla Catalog
muso:other_id	(none)
muso:created	(date)
muso:autograph	(boolean)
muso:surrogate	(boolean)
muso:annotated	(boolean)
muso:uniform_title	Library of Congress Authorities
muso:medium	Library of Congress Medium of Performance Thesaurus
muso:subgenre	Library of Congress Music Genre/Form Project
dc:subject	Library of Congress Genre/Form Terms

Also available at: muso.arts.gla.ac.uk/metadata-standards.html

Future Plans

Innovate

- Innovate workflows for interdisciplinary review and curation

Aggregate

- Identify new digital collections and archives
- Aggregate new and existing digital collections and archives

Build

- Build a MuSO virtual research environment

Promote

- Promote multimodal, multidisciplinary scholarly outputs
- Promote best practices for digital curation

Join the Community!

http://muso.arts.gla.ac.uk
@muso_digital

Slides available at: http://bit.ly/muso-IAML

Timothy Duguid, @tdrdoog