Digital Scores: from Publishers to Libraries

Report on french music tech meeting ICCARE



Marco Lo Cascio

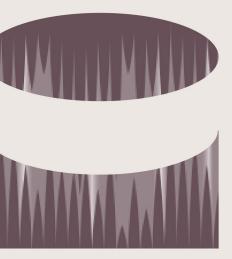


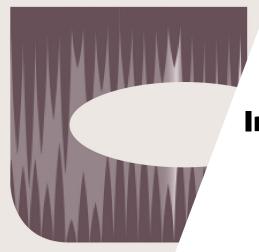
Centre de musique baroque de Versailles

- Research
- Publications
- Musical training
- Local engagement
- Performance practice

The CMBV (*Centre de musique baroque de Versailles*) was set up in 1987 by Vincent Berthier de Lioncourt and Philippe Beaussant to spearhead the revival of baroque music. The *Hôtel des Menus-Plaisirs* pools the resources to showcase and promote this precious 17th and 18th century French musical legacy.

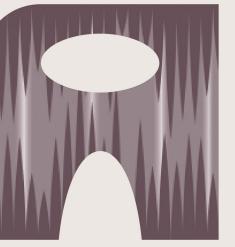








A national interdisciplinary research program (2024–2030) bringing together humanities and tech fields to support the digital evolution and sustainability of the creative and cultural industries.





- Centre national de la recherche scientifique (CNRS)
- "France 2030" grant for innovation projects

Acceleration days

17 and 18 February 2025

Steering committee: Nicolas Bucher (CMBV) Amandine Richardot (Newzick) Eric Denut (Universal) Philippe Vendrix (Université de Tours) Julien Charbey (CMBV) Marco Lo Cascio (CMBV)

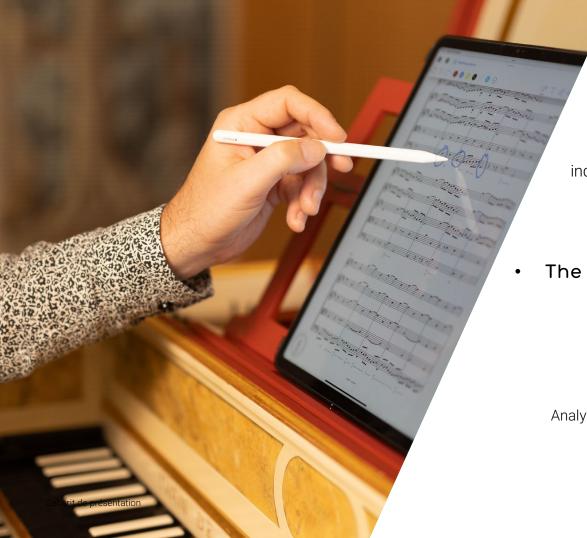
- Composers and performers
- Publishers and engravers
- Musicologists
- Researchers and computer scientists
- Application and software developers

 Libraries and music stores

Music educators

Lawyers





Digital score

The term is widely used by both scientific and industrial communities, it often masks a variety of different underlying objects and technologies

The Music Encoding Initiative (MEI)

open XML schema for encoding musical scores

Scorewriting softwares

Sibelius, MuseScore, Dorico

• OCR/OMR

Analyzes scanned sheet music to extract musical content

• PDF

for printing and distribution

Library session

DIGITAL SCORES IN LIBRARIES:

Moderator: MARCO LO CASCIO (CMBV)

• The Use of Digital Scores at Opéra Orchestre Normandie Rouen

• ELSA RAHMOUN (Orchestre National dÎle de France)

• PIERRE VYNCKE (Opéra Orchestre Normandie Rouen)

• Current Perspectives on Digital Scores at the Nadia Boulanger Media Library

BASTIEN BLANCHON (CNSMDL)

• Digital Score Platforms for Libraries"

• STEPHANIE BONJACK (University of Colorado Boulder)

• KATHERINE PENNER (University of Manitoba)

WHAT RESOURCES FOR WHICH LIBRARIES? NEEDS AND USES:

Moderator: AGNES SIMON-REECHT (Bibliothèque Nationale de France)

Round-table discussion open to participants and the public



Uses of the score

Digital scores are defined by how they're used—but usage varies widely based on origin, purpose, and technology.

• For which performer? (level, age, instrument)

- <u>For which ensemble?</u> (soloists, small groups, orchestras)
- With which status? (professional, student, amateur)
- What type of score?
 (modern notation, mensural, tablatures, lyrics, pedagogical sheet music)
- For which occasion? (rehearsals, home practice, concerts)





Open questions

Each library is different

- The audience shapes practices and policies
 - Community and individuals
 - Technological gap

The world is hybrid

From paper to digital, and digital to paper
Technology idealism

Redifing the role

- Librarians as copyright agent?
 - User legal training

Building heritage collections in a streaming environment

- Online platforms
- · Libraries reduced to a loan service?

New markets, new users

Lifecycle of the score

Composition

Creating the musical work, in all the possible form of score and notation

- Visibility
- Author's rights
- Interoperability
- Direct remuneration
- Self-publishing

Publication

Formalizing the work through copyright and making it publicly available

- Protection
- Licesing
- Copyright
- Rental system
- In-house solutions

Distribution

How the score is distributed via physical and online channels

- Library access
- Physical sale (book and music stores)
- Online platforms
- Streaming
- Peer-to-peer

Performance

The score's end-use by a musician

- · Access to the score
- Cataloguing
- Tags / Index
- Conservation



Marco Lo Cascio Bibliothécaire - Librarian mlocascio@cmbv.fr Hôtel des Menus-Plaisirs 22 avenue de Paris - 78 035 Versailles

