Annotated Bibilography

1. Burlet, Gregory, Alastair Porter, Andrew Hankinson, and Ichiro Fujinaga. 2012. "NEON.Js: Neume Editor Online." Proceedings of the 13th International Society for Music Information Retrieval Conference, ISMIR 2012, no. Ismir: 121–26.

This paper introduces a web-based online and open-source neume notation editor, Neon.js. It is based on MEI format and the changes can be reflected in the underlying MEI file. It can be used to correct errors made in the process of OMR in a crowdsourcing way. It is built using a client-server architecture in Javascript and uses canvas elements for rendering scores. This editor support inserting and deleting Neumes, Neumify, ungroup, and modifying pitch. This paper presents the first version of the Neon project which is a fundamental research for future neume editors.

2. Regimbal, Juliette, Zoe McLennan, Gabriel Vigliensoni, Andrew Tran, and Ichiro Fujinaga. 2019. "Neon2 : A Verovio-Based Square-Notation Editor." In Music Encoding Conference Proceedings.

This paper introduces Neon2, a successor to Neon.js. Different from Neon.js, Neon2 uses Verovio as a Javascript toolkit local to the client to process MEI documents and render vector graphics, which greatly reduces the server latency. Neon2 supported essential elements of neumes. It also provides basic editing tools by music editing panel.Neon2 also offers features to MEI 4.0 file structure to facilitate the correction process. This paper is a continuous study on Neon project and also provides potential non-engraving applications of Verovio.

3. Valk, Reinier de, David Lewis, Tim Crawford, Ryaan Ahmed, Laurent Pugin, and Johannes Kepper. 2015. "Crafting TabMEI, a Module for Encoding Instrumental Tablatures." In Music Encoding Conference Proceedings, 75–82.

This paper introduces TabMEI, a new MEI module that models the various tablature variants. In this paper, TabMEI focuses on plucked instruments and includes historical lute tablature and tablature for the modern (electric guitar). This paper also illustrates

the challenges, workflow, and applications in Verovio. This is a study on extending MEI with a new module.

4. Pugin, Laurent, Rodolfo Zitellini, and Perry Roland. 2014. "Verovio: A Library for Engraving MEI Music Notation into SVG." Proceedings of the 15th International Society for Music Information Retrieval Conference, ISMIR 2014, no. Ismir: 107–12.

This paper introduces the Verovio, a library, and toolkit for rendering MEI. It customizes the page-based MEI representations. Verovio can also render PAE code and DARMS code, and it can convert these formats to MEI internally. The visual output is based on SVG rendering. It is written in pure standard C++ without any dependencies on third-party frameworks and libraries. In this paper, the Verovio supports CWMN and mensural notation and in the paper of Neon2, it can support neume notation.

5. Roland, Perry. 2000. "XML4MIR: Extensible Markup Language for Music Information Retrieval." In Proceedings of the 1st International Symposium on Music Information Retrieval, 9p. Plymouth, Massachusetts, USA.

This paper evaluates the role of standards in music information retrieval and provides a comprehensive review of XML of music representation. The paper suggests the adoption of XML standards for music representation and also for meta-data to contribute to music information retrieval. This paper is Perry Roland's initial work for MEI. It shows the fundamental thought for MEI.