

**Minutes for the 4th meeting of the
Working Group for XML Musical Application**



WG_1599 – Working Group for XML Musical Application

A. Meeting information

Date and time: February 24, 2021 – 15.00 CET

Location: virtual meeting via Zoom

Officer presiding: Goffredo Haus, WG chair

Co-officer: Luca A. Ludovico, WG vice-chair

Secretary: Adriano Baratè

B. Meeting participants

Federico Avanzini

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Voting status: voting

Adriano Baratè

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Shlomo Dubnov

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Voting status: non-voting

Goffredo Haus

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Luca A. Ludovico

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Davide Andrea Mauro

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Voting status: voting

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Voting status: voting

Benjamin Wolff Bohl
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Voting status: non-voting

C. Call to order, Chair's remarks

The meeting begins at 15.00 CET.
Goffredo Haus presides the meeting in his role of WG chair.

D. Approval of minutes of previous meeting

The minutes of the previous meeting is approved by all participants.

E. Approval of agenda

The agenda is introduced by the WG vice-chair, Luca A. Ludovico, and approved by participants.
The rules to change the voting status, as stated in the WG policies and procedures, are shortly recalled.

F. Technical topics

The first part of the meeting focuses on the technical reports from sub-WGs.

Concerning the actions of sub-WG 1 – “Descriptive Framework Extensions”, during the last year there has been theoretical work only, without implementation or experimentation activities.

The main advancements of sub-WG 2 – “Automatic recognition” are related to the work of two WG members, Stavros Ntalampiras and Federico Simonetta, who studied a convolutional approach to melody line identification in symbolic scores. Their work has been published in the Proceedings of the 20th International Society for Music Information Retrieval Conference.

Sub-WG 3 – “Intellectual Property and Digital Right Management” is still idle, and the lack of activities in this field was one of the main concerns of the working group, as reported in the last meeting minutes. This case will be discussed later (see Section G).

Recent achievements of sub-WG 4 – “Platform improvements” are presented, mainly dealing with porting activities of the IEEE 1599 framework to the web.
Finally, sub-WG 5 – “Demo deliverables” has released some applications for international exhibitions and events, thus showcasing the possibilities of the format for a general audience. The event «Tosca, primadonna all'opera» (Museo teatrale alla Scala, November 16, 2019) presented a multimedia installation designed by the sub-WG members in collaboration with the

Archivio Storico Ricordi exploiting the IEEE 1599 format to achieve audio-score synchronization of the aria «Vissi d'arte».

In the context of the exhibition titled «Il Duomo al tempo di Leonardo» (November 22, 2019 - February 23, 2020 at the Duomo Museum), IEEE 1599 was employed in a multimedia installation for the synchronized experience of a motet by Gaffurius. The application is still reachable via web: <http://gaffurio.lim.di.unimi.it/>

These dissemination initiatives have been reported also in press articles (e.g., <https://www.ilgiornale.it/news/milano/quando-leonardo-voleva-salvare-veneranda-fabbrica-1788391.html>).

G. Action items

Goffredo Haus, WG Chair, proposes to investigate the possibility to release official IEEE certificates in order to attest competences and abilities in the use of the IEEE 1599 format.

The IEEE portal presents an area dedicated to certificates programs

(<https://www.ieee.org/education/certificates/index.html>).

The WG Chair will contact Jonathan Goldberg, IEEE Program Manager of the WG, to ask for information.

Shlomo Dubnov solicits a tighter dialogue with industries and stakeholders, so as to promote the standard and its adoption also in fields close to music and sound computing, e.g., video game development or stage equipment integration.

Since sub-WG 3 – “Intellectual Property and Digital Right Management” could be strongly interested in the relationship with industry and it is currently inactive, Goffredo Haus, WG Chair, proposes to change the name of the sub-WG to embrace these aspects, and asks WG members to appoint Shlomo Dubnov as the sub-WG leader.

WG members with voting rights approve.

Luca A. Ludovico, WG Vice-Chair, remarks the possibility to send contributions focusing on IEEE 1599 to a special session on computer-supported music education, in the context of the 13th International Conference on Computer Supported Education.

H. Items reported out of executive session

Paul Sacher Stiftung Basel has financed a 2-year project where the University of Milan is asked to apply the IEEE 1599 format for comparing different score versions and performances by Luciano Berio. The project will officially start on March 2021.

I. Recesses and time of final adjournment

After the final remarks of the WG chair, the meeting ends at 16.00 CET.

J. Next meeting - date, time, and location

The next meeting is tentatively fixed by the end of June 2021. The unpredictable evolution of COVID-19 pandemic does not allow to forecast whether an in-presence meeting will be allowed. At present, next meeting is planned to be in virtual form only.

The goal for the next meeting is to discuss further results achieved by sub-WGs, paying special attention to the relationship with the world of industry.