

**Minutes for the 8th meeting of the
Working Group for XML Musical Application**



WG_1599 – Working Group for XML Musical Application

A. Meeting information

Date and time: July 4, 2022 – 17.00 CET

Location: in-presence meeting at the Laboratory of Music Informatics, University of Milan and virtual meeting via Google Meet

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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Voting status: voting

Shlomo Dubnov

University of California San Diego, CA, USA

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Voting status: voting

Goffredo Haus

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Voting status: voting

Luca A. Ludovico

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Voting status: voting

Valeria Luti

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Voting status: non-voting

Fernando Mantovani

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Voting status: non-voting

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Voting status: voting

Federico Simonetta
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Voting status: voting

Daniel Spreadbury
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Voting status: voting

Benjamin Wolff Bohl
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Voting status: voting

C. Call to order, Chair's remarks

The meeting begins at 17.00 CET.
Goffredo Haus presides the meeting in his role of WG chair.
Goffredo Haus and other WG members welcome the invited people.

D. Approval of minutes of the previous meeting

The minutes of the previous meeting are 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 voting / non-voting status of some members is updated.

F. Technical topics

The first topic presented by Luca A. Ludovico is the most recent work, focusing, in particular, on the following topics:

1. Migration from DTD to schema;
2. Integration of other formats for the logic representation of music (MusicXML and MEI);
3. Application of the blockchain technology.

Concerning Item 2, Daniel Spreadbury clarified the possibilities offered by MusicXML in terms of synchronization of music content with the IEEE 1599 spine.

Concerning Item 3, Shlomo Dubnov and Federico Mantovani reported their personal experience and discussed about the applicability to IEEE 1599 digital objects. WG member agree to further investigate the subject.

The second topic is the proposal by the chair, Goffredo Haus, to distribute members across various subgroups according to their expertise and interests.

Any member is allowed to agree and join the subgroup(s) as well as indicate his/her own preferences, including the option to stay outside of any subgroup.

In any case, all members will be involved in the general discussion and decisional process occurring during the monthly WG meetings.

Here is the list and short description of sub-WGs:

1. Descriptive Framework Extensions - Contemporary music generalizations, integrations and extensions; ethnomusicological generalizations, integrations and extension; generalization to domains other than music; etc.
2. Automatic recognition and generative music - Multi-layer approaches for automatic feature extraction, media alignment, score following; Applications for games / adaptive music, real time interaction, etc.
3. Intellectual Property and Digital Right Management - Integration of DRM technologies for the management and distribution of musical rights; digital contents protection and sharing (copyright and copyleft management); etc.
4. Platform Improvements - Design and implementation of new support tools for production and fruition (converters, viewers, plug-ins for commercial software, etc.); improvements of currently available tools (web platform, offline software, ...); etc.
5. Demo deliverables - Design and implementation of HCI prototypes for different goals.

And here is the tentative proposal (please note that some names have not been assigned to any subgroup so far):

- Federico Avanzini (2. Automatic recognition)
- Adriano Baratè (1. Descriptive Framework Extensions; 4. Platform improvements)
- Benjamin Wolff Bohl (1. Descriptive Framework Extensions)
- Antonio Camurri (currently unassigned)
- Nicola Davanzo (4. Platform improvements)
- David De Roure (currently unassigned)

- Giorgio Dimino (2. Automatic recognition; 3. Intellectual Property and Digital Right Management)
- Shlomo Dubnov (1. Descriptive Framework Extensions; 2. Generative music)
- Goffredo Haus (1. Descriptive Framework Extensions; 2. Automatic recognition; 3. Intellectual Property and Digital Right Management)
- Pierluigi Ledda (3. Intellectual Property and Digital Right Management)
- Luca A. Ludovico (1. Descriptive Framework Extensions; 4. Platform improvements)
- Valeria Luti (3. Intellectual Property and Digital Right Management)
- Fernando Mantovani (3. Intellectual Property and Digital Right Management)
- Davide Andrea Mauro (1. Descriptive Framework Extensions)
- Stavros Ntalampiras (2. Automatic recognition)
- Daniela Pautasso (3. Intellectual Property and Digital Right Management)
- Giorgio Presti (2. Automatic recognition)
- Mark Sandler (currently unassigned)
- Federico Simonetta (2. Automatic recognition)
- Daniel Spreadbury (1. Descriptive Framework Extensions; 3. Intellectual Property and Digital Right Management)
- Luca Turchet (1. Descriptive Framework Extensions)
- David Weigl (currently unassigned)

Each subgroup will report on its internal discussion and activities during the monthly WG meetings. Moreover, each subgroup will be led by a reference person.

G. Action items

WG members further discuss the venue for the next edition of the International Workshop on Multilayer Music Representation and Processing. In addition to the previous proposals presented in May, also ISMIR 2023 was considered as a possible venue.

H. Items reported out of executive session

Luca A. Ludovico reports on the results of the Computer Supported Music Education special session (CSME 2022, 3rd edition), where 4 scientific works have been accepted for presentation, and on the most recent research results obtained by students and scholars dealing with IEEE 1599.

I. Recesses and time of final adjournment

After the final remarks of the WG chair, the meeting ends at 18.00 CET.

J. Next meeting - date, time, and location

The next meeting is tentatively fixed by September 2022.