



Information technology serving blind people in music scores production

Tuesday, March 1, 2016

CNR Research Area, Via G. Moruzzi 1, Pisa
Room "Aula A27", ground floor, building A

PROGRAMME

9:00 AM	Opening session (Claudio Montani, director of the Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo" CNR - Mauro Marchesi, president UNIVo.C. of Bologna)
9:15 AM	"Il BrailleMUSE" - (Prof.i Toshiyuki Gotoh and Naoyoshi Tamura - Graduate School of Environment and Information Sciences Yokohama National University)
10:30 AM	"Il software "Da Capo"" - Matthias Leopold, DZB Deutsche Zentralbücherei für Blinde < German Central Library for the Blind > Leipzig
11:30 AM	"Il Braille Music Compiler" – Mario Lang (Austria)
12:30 PM	"Accessibilità e usabilità delle interfacce utente" (Dr. Barbara Leporini, Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo" CNR)
1:00 PM	Lunch Break
3:00 PM	"La produzione di musica Braille in Svizzera, nel cuore dell'Europa" - (Dr. Lia Cariboni, SBS Schweizerische Bibliothek für Blinde, Seh- und Lesebehinderte < SBS Swiss Library for the blind, visually impaired and reading disabled > Zurich)
4:00 PM	"Il Polo Musicale: centro di ricerca e produzione musicale Braille in Italia" - (Maestro Dr. Gianluca Casalino, Library for the Blind Regina Margherita di Monza)
5:00	"Il Braille Music Editor" - (Prof. Paolo Razzuoli, middle school grade II teacher and experienced user of the
6:00 PM	Discussion and conclusion

With the support of the Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo" del CNR di Pisa

In collaboration with Unione Italiana dei Ciechi ed Ipovedenti Onlus - Sezione Provinciale di Pisa

Sponsored by Andrea Bocelli Foundation and Retina Italia Onlus



Retina Italia Onlus
Associazione Nazionale per la lotta alle distrofie retiniche

Intuition of the potential of information technology to simplify the process of producing sheet music in Braille dates back to more than 20 years ago.

In Italy one of the first projects was the starting point in the mid-1990s, thanks to the enlightened efforts of Dr. Graziani and the concrete support of the Library for the Blind.

An arduous path, but after a decade it incorporated the software Toccofinale, a very flexible and actionable instrument.

A decisive step for the development of more flexible tools, complete and efficient, must be sought in the development of xml-oriented music, or code commonly called MusicXML.

On this basis, there are some projects aimed at developing a code for xml-oriented Braille music notation.

For instance, the case of the BMML format was developed as part of an EU project called Contracpunctus, begun in 2006 and concluded in 2009.

An xml-driven Braille always connects the Braille MUSE created by the Graduate School of Environment and Information Sciences YOKOHAMA National University, and the software Da Capo, produced by "Deutsche Zentralbücherei für Blinde" of Leipzig, based on a draft of the Schweizerische Bibliothek für Blinde-, Seh- Lesebehinderte und Zurich.

Experience and know-how are not lacking. Fortunately for users, very useful tools have also been created, although the process of transcoding "common musical writing/Braille" is still far from being fully automated.

Our initiative aims to foster dialogue between the most significant experiences, also in perspective, which will facilitate the process of coordination/collaboration and promote increasingly advanced achievement.

An unrealistic target? Maybe, but the organizers and supporters of the initiative want to try, certain of being in tune with the demand of users.

Mauro Marchesi – Responsabile Servizio Ottavio Orioli

Practical Information

Accommodation

Those coming outside Pisa will get very convenient hotel rates at:

Olympic Beach Le Torri - Via delle Orchidee, 44
56128 Tirrenia (PI)

For information and/or booking:

ph.: +39-050-32270

e-mail: info@centroletorri.it

web: www.olympichotels.it/olympic-beach/

Registration

For organizational reasons, we strongly welcome the Conference registration that can be made via Internet at the following link:

<http://hiis.isti.cnr.it/reg>

How to reach the conference venue

The Research Area of CNR in Pisa, is located in Via G. Moruzzi 1 outside the historic center of Pisa.

It is reached by the green line bus LAM, getting off at Via Volpi CNR.

LAM green stops just outside the central train station of Pisa..

With the patronage of:



*Ministero dell'Istruzione, dell'Università e della Ricerca
Ufficio Scolastico Regionale per la Toscana*

