

Salzburg 2017

Deep Learning in OMR Full-context training

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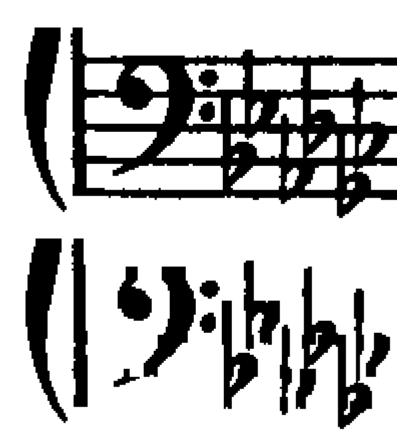
Participants

- Sanu Pulimootil
 - Bavarian State Library
- Werner Scheer
 - MuseScore
- Nicolas Lasconic
 - MuseScore
- Hervé Bitteur
 - Audiveris

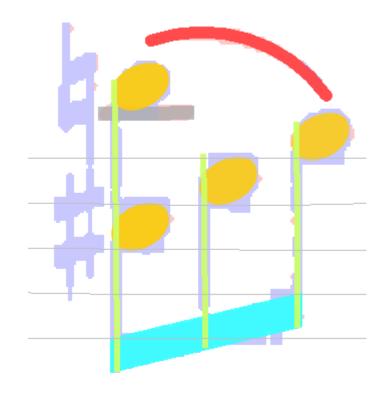


Typical examples

Staff removal



Stuck symbols





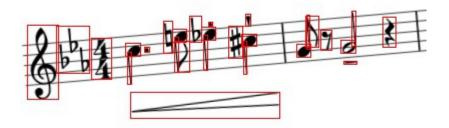
Tasks

- Images generation
 - Musescore « synthetic » scores + symbols infos
 - Font variation
 - Images distortion
- Features extraction
 - ✓ Images + Symbols → Features in CSV
 - ✓ [Features → subimages for visual check]
- Training
 - ✓ CSV → Training with monitoring



Straight & rotated scores







Symbol sub-image examples

