

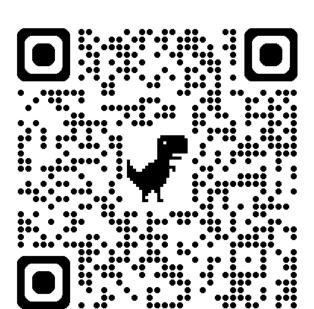








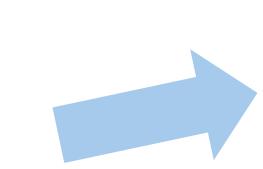
Universal Musical Instrument Lexicon: A Crowdsourced Platform for **Expanding Multilingual Vocabularies and Enhancing Global Access to Musical Instrument Metadata**



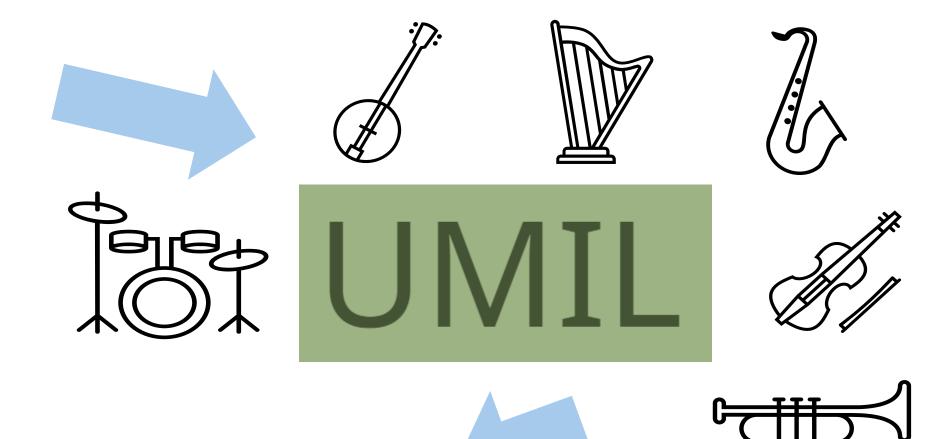
Kun Fang^{1, 2}, Kyrie Bouressa^{1, 2}, Yu Chia Kuo^{1, 2}, Anna de Bakker^{1, 2}, Ichiro Fujinaga^{1, 2} ¹Schulich School of Music, McGill University;

²The Centre for Interdisciplinary Research in Music Media and Technology (CIRMMT)

What is UMIL?



Data Clean & Filter









User Contribution

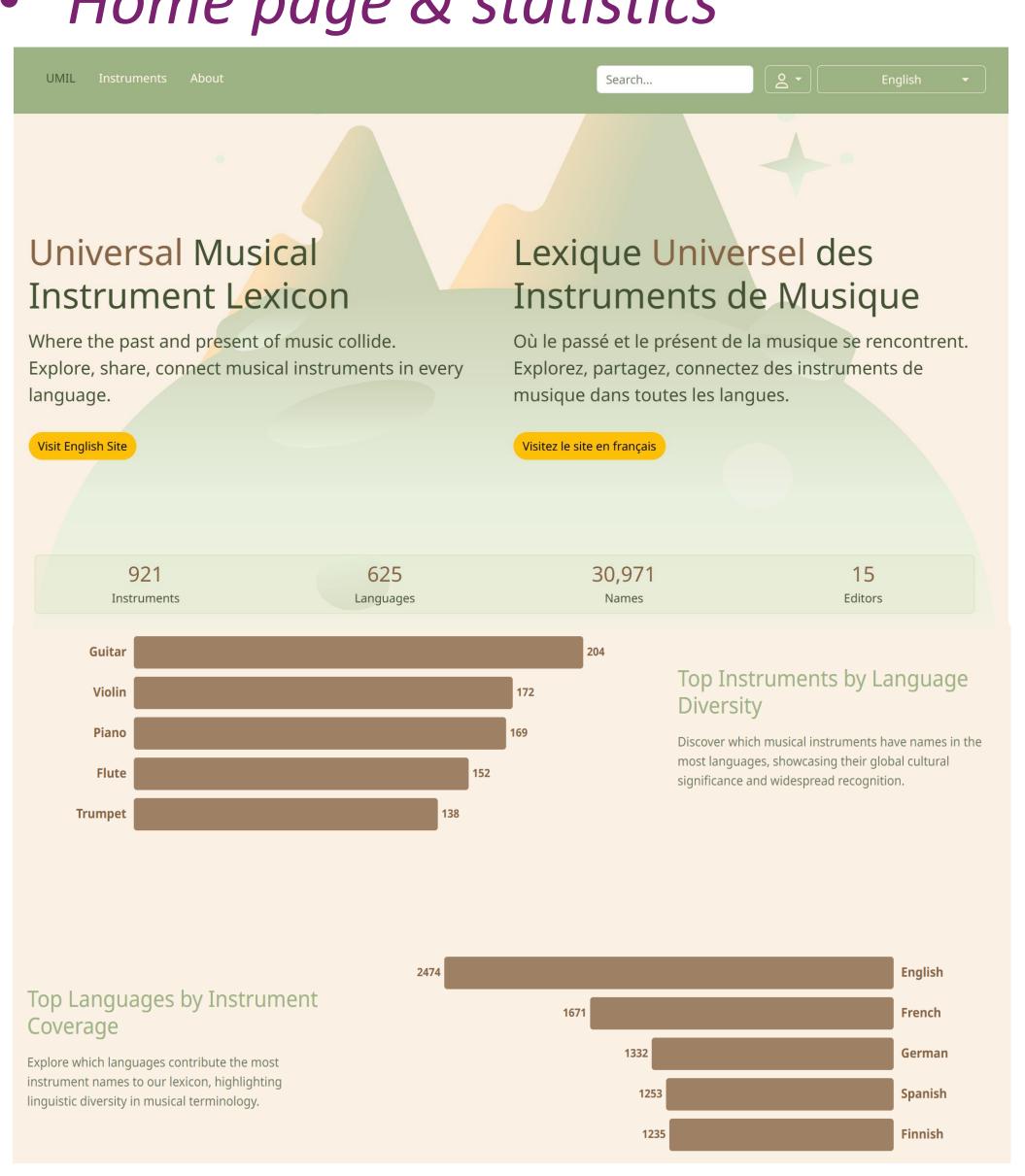


- Huge but fragmented
- Hard to browse all instruments
- Steep learning curve

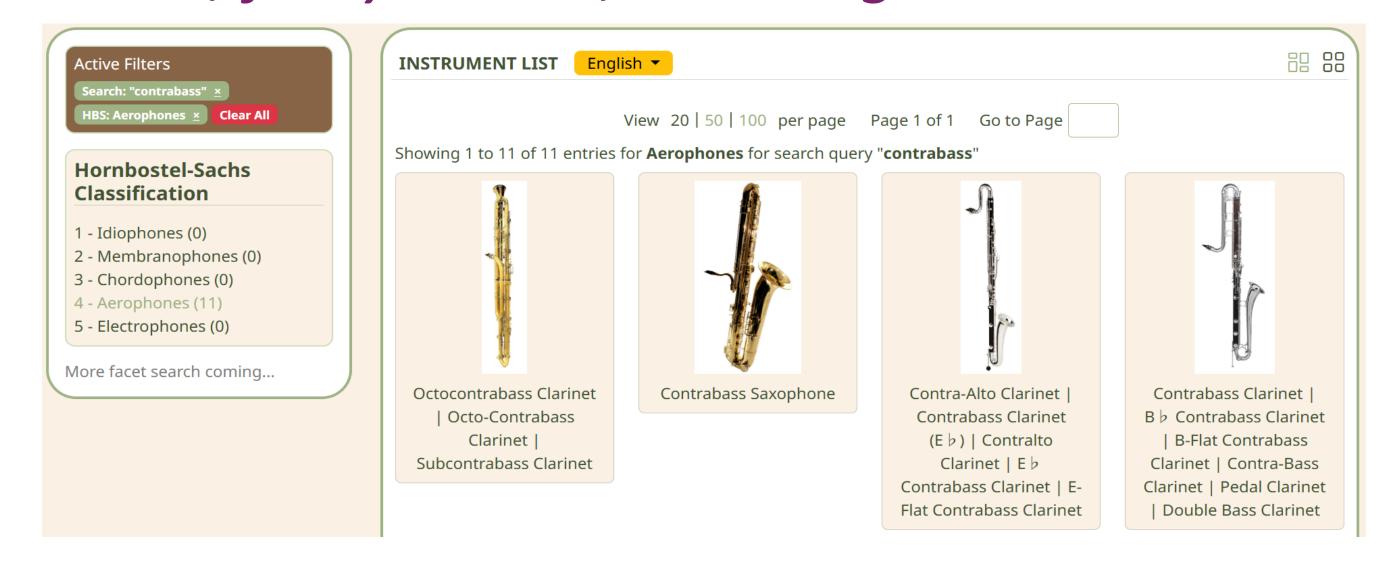
- One-stop browsing of all instrument names 🔎
- Direct language-based overview
- Special focus on multilingual support

Key Functionalities

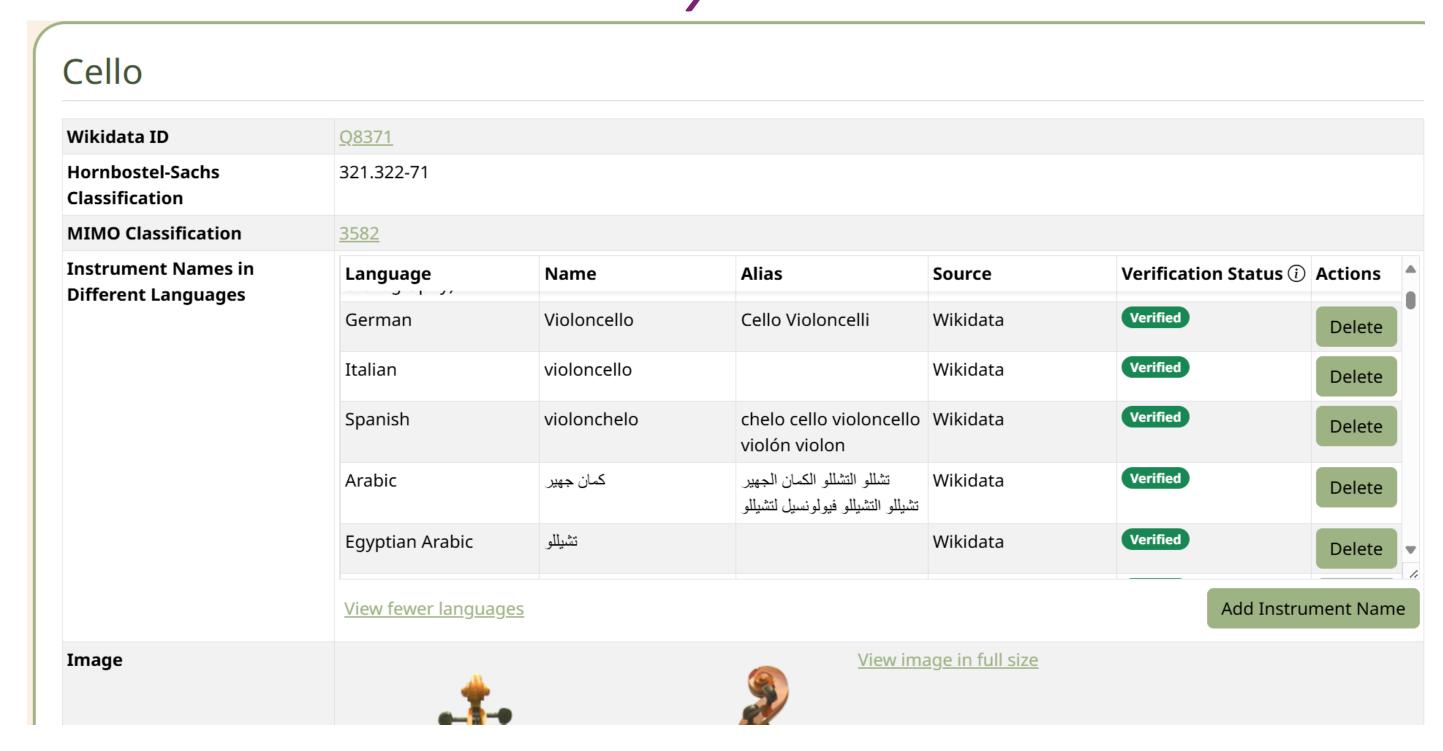
Home page & statistics



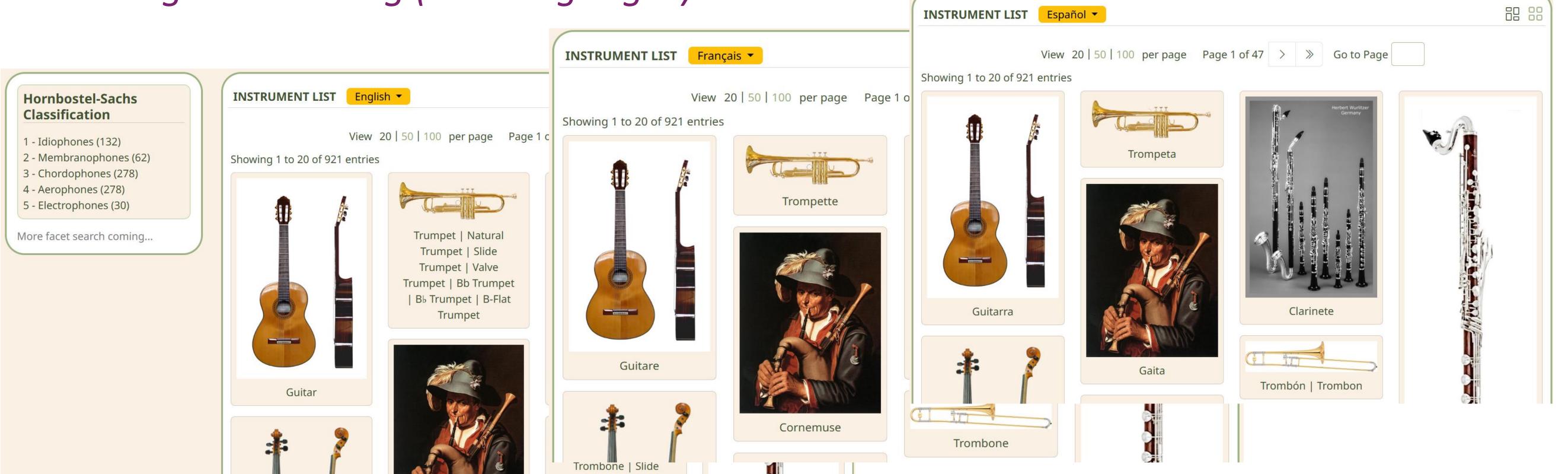
• Search: HBS; fuzzy search; multilingual search...



Access to all names & easy to contribute new ones



Multilingual browsing (625 languages)



Trombone