

peta media

Objective: Develop an integrated system for the extraction of musical semantics from audio data.



Automatic Generation of Lead Sheets from Polyphonic Music Signals Jan Weil, Thomas Sikora, J.-L. Durrieu, Gaël Richard Quaero Technische Universität Berlin **TELECOM** ParisTech

Leading instrument model

- Note level layer Explicit duration model
- Smooth F₀ line
- Main instrument layer
- Filter part layer
- Smooth filters

- Parameter estimation, no temporal constraint
- Extracting pitch candidates from amplitude coefficients for source part Beam search strategy to infer note level states

- www.nue.tu-berlin.de/research/leadsheets





