⣿ deezer Research

# Understanding music and how people relate to it.

Deezer Research is a team of scientists and engineers specialized in Music Analysis, Information Retrieval, Machine Learning and Recommendation.

Check out our work presented during ISMIR 2022!

Learning Unsupervised Hierarchies Of Audio Concepts

*D. Afchar, R. Hennequin, V. Guigue*

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We propose to learn meaningful music concepts (eg.
genre and mood) in a few-shot setting to interpret
audio signals; and then, building on top of this, we
derive a hierarchy of the learned concepts in an unsu-
pervised manner to organise and navigate them.
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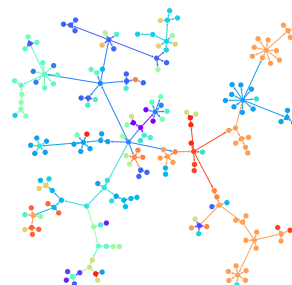

Exploiting Device And Audio Data To Tag Music With User-Aware Listening Contexts

K. Ibrahim, E. Epure, G. Peeters, G. Richard

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For contextual recommendation, we can predict
when a situation is happening based on the device
data, while tagging the tags with their potential
situations in a personalized manner.
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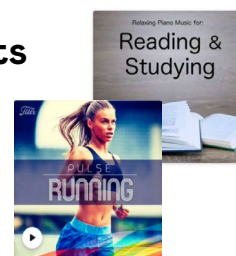

Network Analyses for Cross-Cultural Music Popularity

K. Liew, V. Mishra, Y. Zhou, E. Epure, R. Henne-quin, S. Wakamiya, E. Aramaki

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We quantify the pervasiveness of Anglo-American mu-
sic in Top 100 charts from 100 countries, and look
at correlates from socio-economic indicators and
simple MIR-based arousal features.
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