

# MIREX PIANO NOTE TRACKING TASK

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## ABSTRACT

This extended abstract describes the MIREX submission `PianoTranscriptor` for the Piano note tracking task.

## 1. INTRODUCTION

For the technical details of the systems, please see [1].

## 2. RESULTS

The `PianoTranscriptor` marks the current state-of-the-art in piano onset transcription. Please note that only the results based for the onset only case is given since the system only performs piano note onset transcription.

Algorithm	Precision	Recall	F-measure
<code>PianoTranscriptor</code>	0.595	0.754	0.664
KD3	0.643	0.674	0.657
FBR2	0.606	0.639	0.616
BD3	0.627	0.594	0.608

**Table 1.** MIREX piano onset transcription results.

## 3. REFERENCES

- [1] S. Böck and M. Schedl. Polyphonic Piano Note Transcription with Recurrent Neural Networks. In *Proceedings of the 37th International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2012)*, Kyoto, Japan, March 2012.