MIREX 2026 ISMIR 2026 · Late-Breaking/Demo · Staves-Informed Track

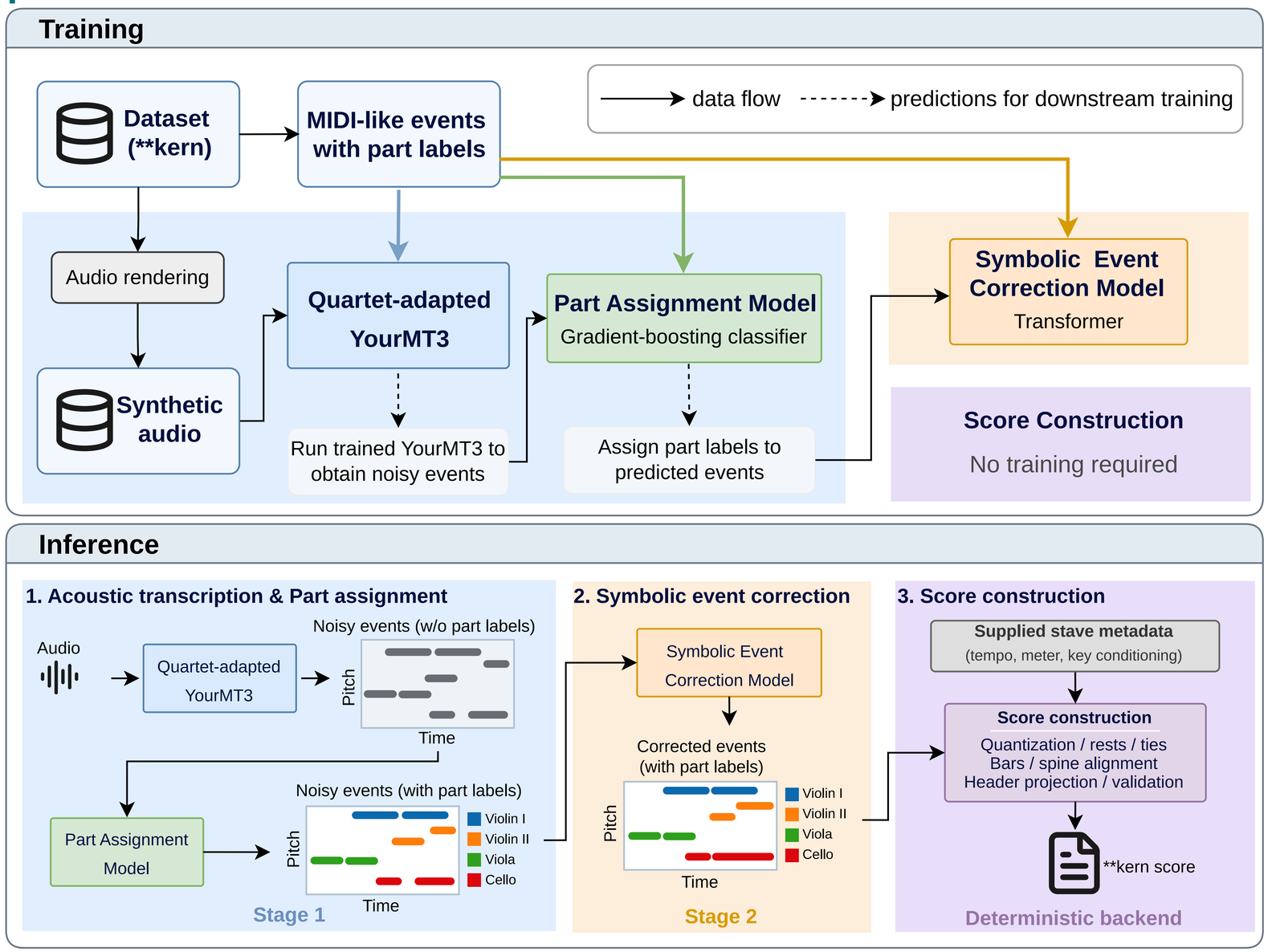
QuartetA2S

A Modular System for Staves-Informed Quartet Audio-to-Score Transcription

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SYSTEM OVERVIEW

Training (top) · Inference (bottom)



TASK

Quartet audio + supplied stave metadata

to a synchronized four-part **kern score.

Violin I | Violin II | Viola | Cello

KEY DESIGN

01 ACOUSTIC TRANSCRIPTION + PART ASSIGNMENT

Quartet-adapted YourMT3 and a learned four-part classifier.

02 SYMBOLIC EVENT CORRECTION

A Transformer learns from actual Stage-1 predictions.

03 DETERMINISTIC SCORE CONSTRUCTION

Rests, ties, bars, spine alignment, and header projection.

OFFICIAL MIREX 2026 RESULTS

Staves-Informed Audio-to-Score Transcription

TEST SET	WER ↓	CER ↓	LER ↓	MV2H ↑
Quartets Test	0.2160	0.2385	0.5983	0.8796
QuartetsMIREX 2026	0.3177	0.3481	0.7456	0.8179

QuartetsMIREX is the cross-composer test set.

WER / CER / LER lower is better; MV2H higher is better.

TWO LEARNED STAGES + DETERMINISTIC NOTATION

Score-derived supervision · Error-aware symbolic correction · Structured **kern output

SCAN RESULTS