

Look Up Before You Make Up KGC 2026 Lightning Talk Deck

Placeholder PDF for ARAMAI's KGC 2026 lightning talk. Replace with the real 7-slide deck after May 6.

Executive summary: vector retrieval flattens four tiers of meaning (schema, vocabulary, taxonomy, ontology) into a single similarity space and pushes the cost of disambiguation onto the model.

Structured Context Retrieval (SCR) keeps the tiers separate, validates at ingest, and traverses them at runtime via the Model Context Protocol.

Three method moves: ROSETTA (runtime type alignment), CoreModels (validated substrate), MCP Traversal.

Schema is not Ontology. The meaning layer is the whole stack.

ARAMAI