Learning Bidirectional Intent Embeddings by Convolutional Deep Structured Semantic Models for Spoken Language Understanding *Yun-Nung (Vivian) Chen, Dilek Hakkani-Tür, and Xiaodong He*

- Motivation: Inflexible Intent Schema
 - Intents are usually *predefined* and *inflexible* to expand and transfer across domains and genres
 - Re-designing a semantic schema requires manual annotation and model re-training.
- > Approach: *Learning Intent Representation*
 - Learn *high-level semantic representations* to bridge the semantic relation across domains and across genres



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