

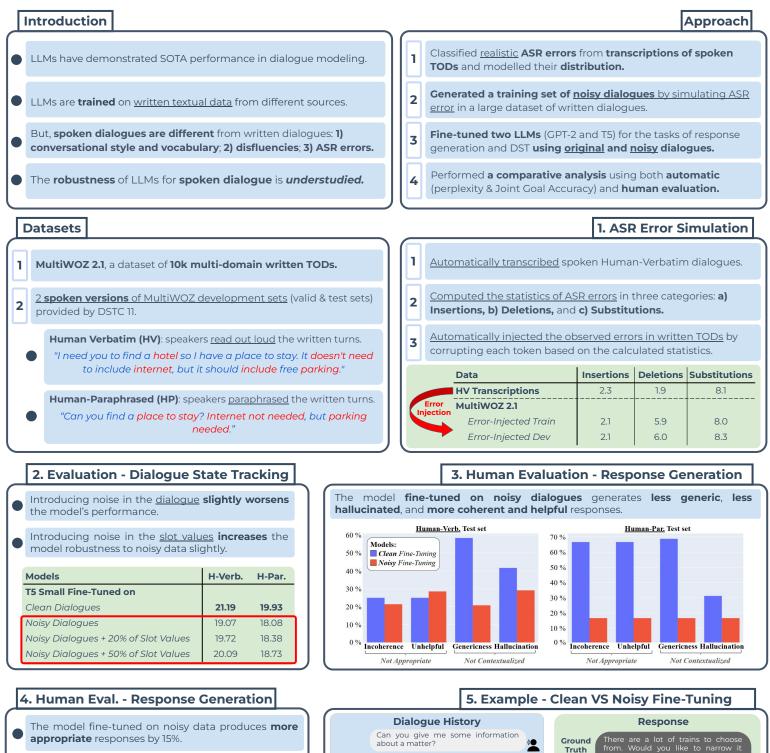
Are LLMs Robust for Spoken Dialogues?



Seyed Mahed Mousavi¹, Gabriel Roccabruna¹, Simone Alghisi¹,

Massimo Rizzoli¹, Mirco Ravanelli², Giuseppe Riccardi¹

² Concordia University, Mila-Quebec AI Institute, Canada | ¹ Signals and Interactive Systems Lab, University of Trento, Italy **Presented at The 14th International Workshop on Spoken Dialogue Systems Technology**



---- ICT DAYS

Helps the model to produce more contextualized
responses for both verbatim and paraphrased spoken settings.

Models	Correctness		Appropriatenes s		Contextualizatio n	
	H-Ver.	H-Par.	H-Ver.	H-Par.	H-Ver.	H-Par.
Ground Truth	0.85	0.70	1.00	1.00	1.00	0.95
GPT-2 Medium						
Clean Fine-Tuning	1.00	0.85	0.95	0.80	0.90	0.85
Noisy Fine-Tuning	0.95	0.85	0.95	0.95	0.95	0.95

