

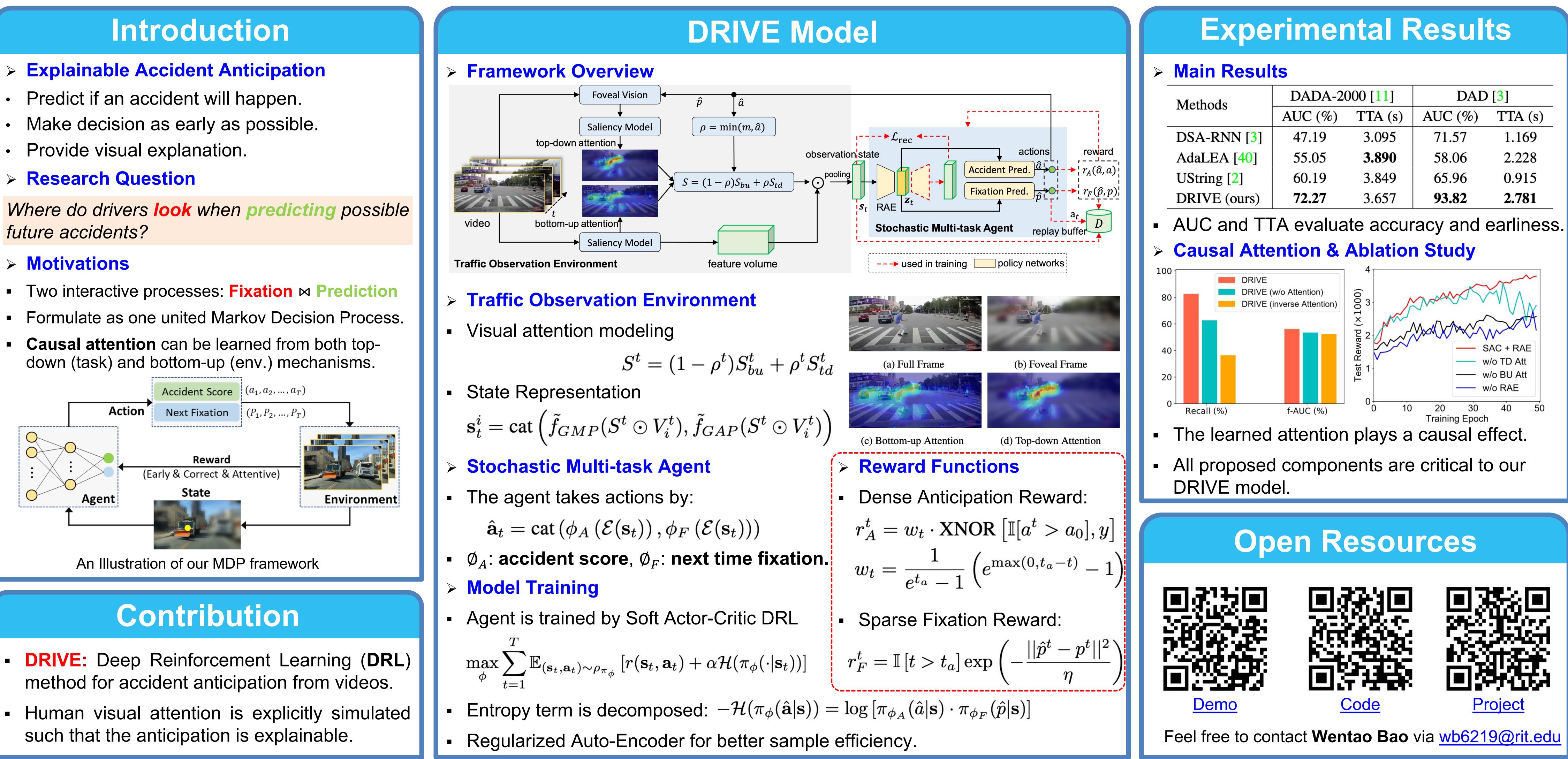
ACTION LAB Mining LAB

- Explainable Accident Anticipation
- Predict if an accident will happen.
- Make decision as early as possible.
- Provide visual explanation.

Research Question

future accidents?

- > Motivations
- Two interactive processes: Fixation
 Prediction
- Causal attention can be learned from both topdown (task) and bottom-up (env.) mechanisms.



Deep Reinforced Accident Anticipation with Visual Explanation

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SCOURTUAL

	DADA-2000 [11]		DAD [3]	
	AUC (%)	TTA (s)	AUC (%)	TTA (s)
N [<mark>3</mark>]	47.19	3.095	71.57	1.169
[40]	55.05	3.890	58.06	2.228
[2]	60.19	3.849	65.96	0.915
ours)	72.27	3.657	93.82	2.781