



Foundation Model Priors

Spatial Reasoning Interface

MindCube [[Best Paper](#) at ICCV'25 SP4V]

Why Is Spatial Reasoning Hard [ICML'25] **Model Merging** [ICML'25]

LayoutVLM [CVPR'25]

Visually Descriptive LM [TMLR'25]

IKEA Manuals at Work [NeurIPS'24]

HourVideo [NeurIPS'24], **T^{*}** [CVPR'25]

Theory of Space [Preprints]

Embodied Reasoning Interfaces

Self-Evolving Policy Interface

RAGEN [[Best Poster Award](#) at MMLS'25]

VAGEN [NeurIPS'25]

Self-Play Agent [Preprints]

ROSETTA [[Best Paper](#) at RSS'25 CRLH]

Embodied Agent Interface

[[Oral](#) at NeurIPS'24, [Best Paper](#) at SoCalNLP'24]

EmbodiedBench [[Oral](#) at ICML'25]

ENACT [Preprints]

Embodied Foundation Agents

Mechanistic Control Interface

LM-Steer [[Outstanding Paper](#) at ACL'24]

ODESteer [Preprints]

HallE-Control [Preprints]

Grafting [[Oral](#) at NeurIPS'25]

COVID Literature Reasoning

[[Best Demo Paper](#) at NAACL'21]

GAIA [[Rank 1st](#) NIST SM-KBP in 2019/2020,

[Best Demo Paper](#) at ACL'20]

