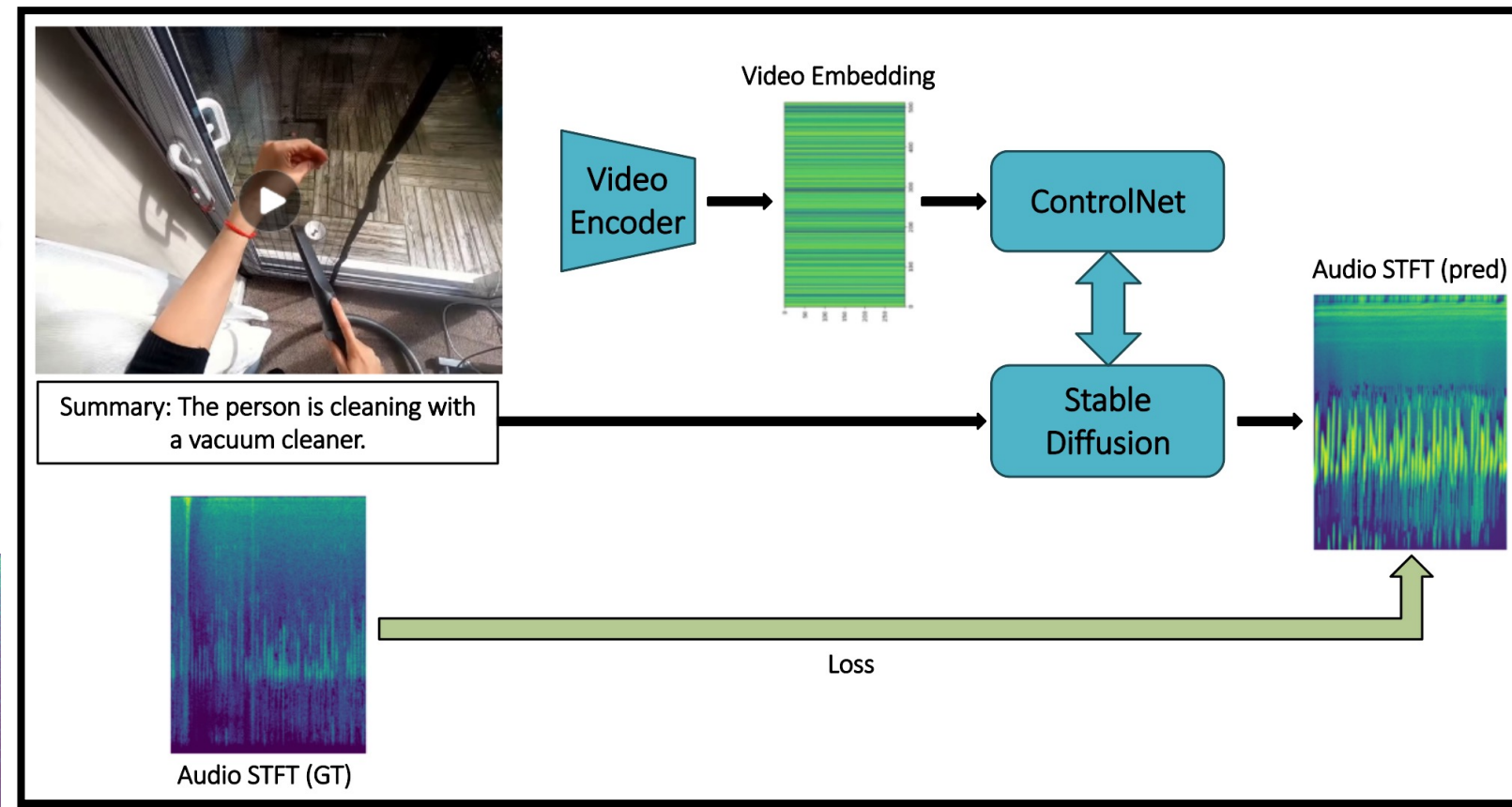
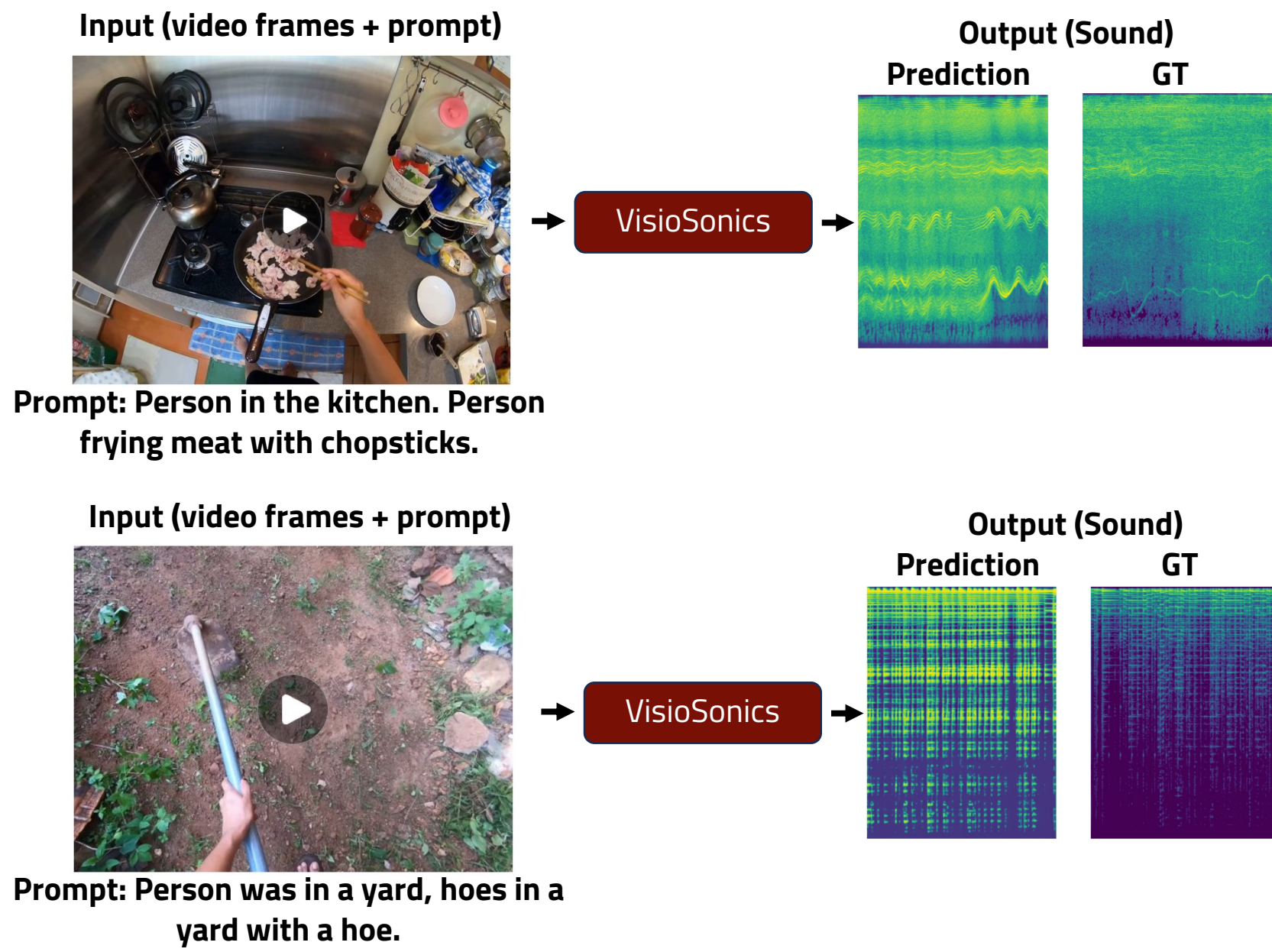


VisioSonics: Bridging Vision and Audio

Aashish Rai¹ and Srinath Sridhar¹
¹Brown University

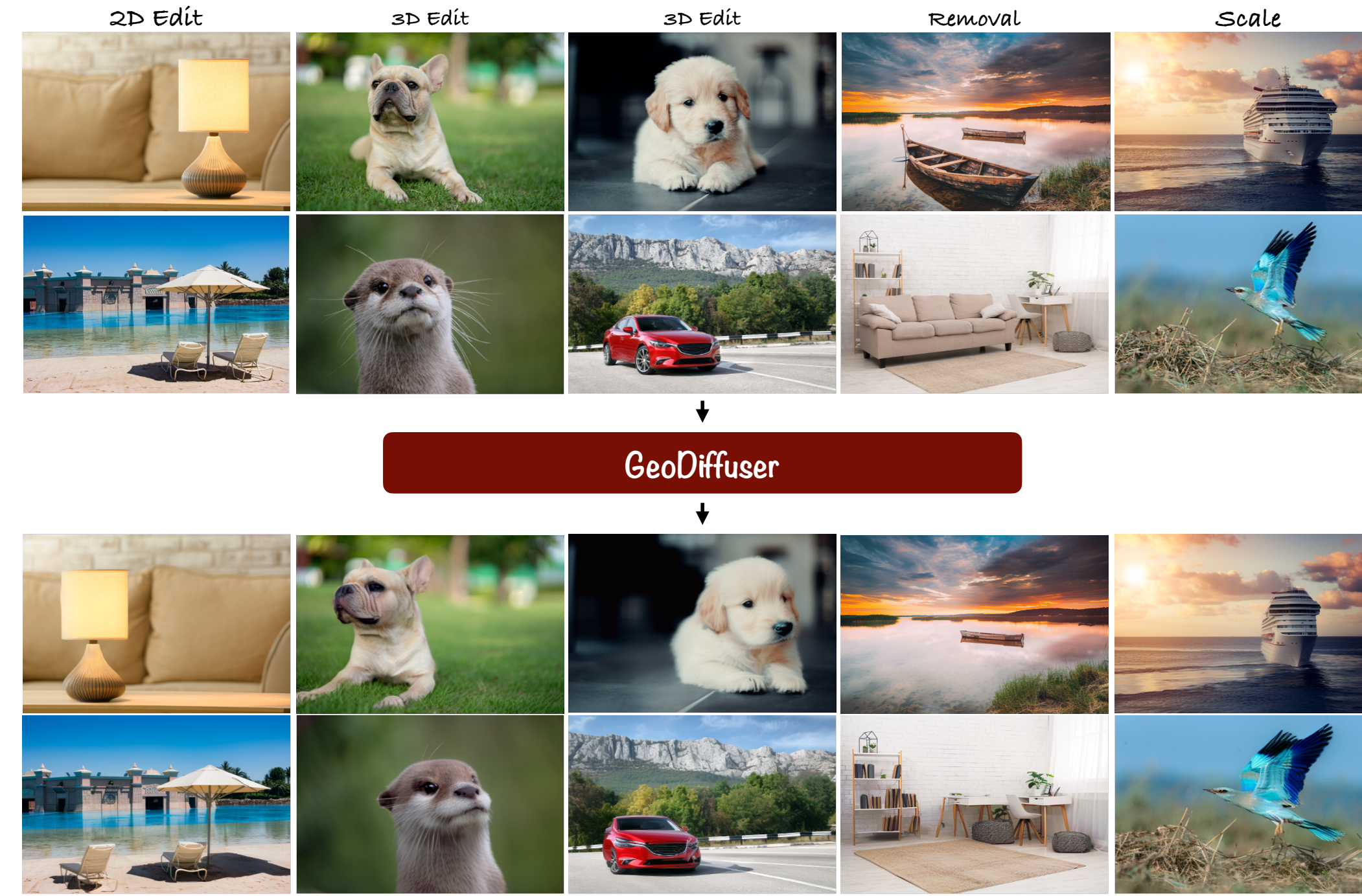
Given a muted video (image sequences) and a short summary of the scene (prompt), our method can predict the corresponding synchronized audio.



VisioSonics leverages CLIP Encoders, Stable Diffusion, and ControlNet to generate video conditioned audio spectrograms.

GeoDiffuser: Geometry-Based Image Editing with Diffusion Models

Rahul Sajani^{1,2}, Jeroen Vanbaar², Jie Min², Kapil Katyal², and Srinath Sridhar^{1,2}
¹Brown University and ²Amazon Robotics

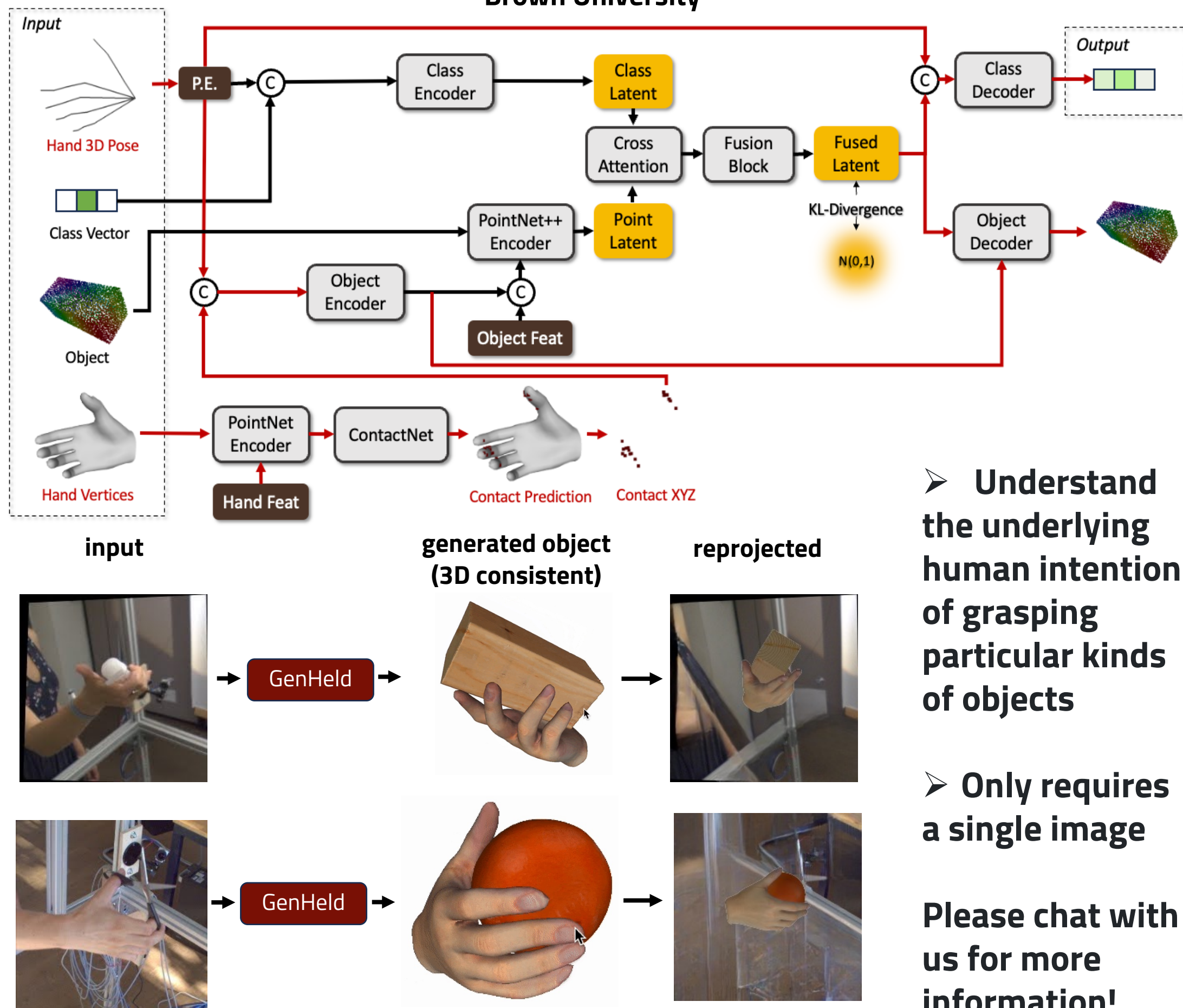


- Geometry Editing on Real Images
- Training-Free
- Prompt-Free
- Novel Geometry-Based Shared Attention

Please chat with us for more information!

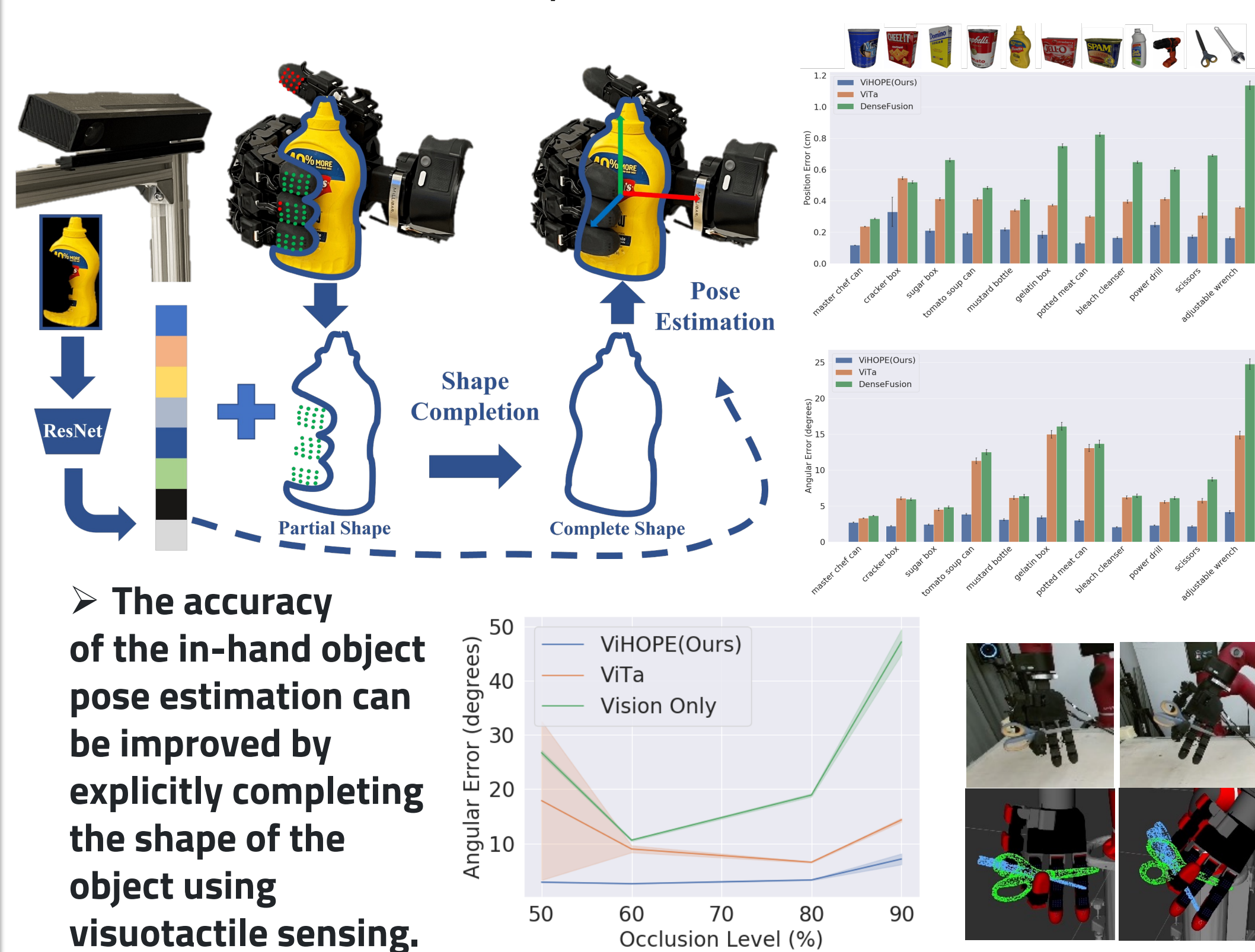
GenHeld: Generate Held Objects

Chaerin Min¹, and Srinath Sridhar¹
¹Brown University



ViHOPE: Visuotactile In-Hand Object 6D Pose Estimation with Shape Completion

Hongyu Li^{1,2}, Snehal Dikhale², Soshi Iba², and Nawid Jamali²
¹Brown University and ²Honda Research Institute



Indoor Scene Understanding

Qihong Anna Wei¹ and Srinath Sridhar¹
¹Brown University

