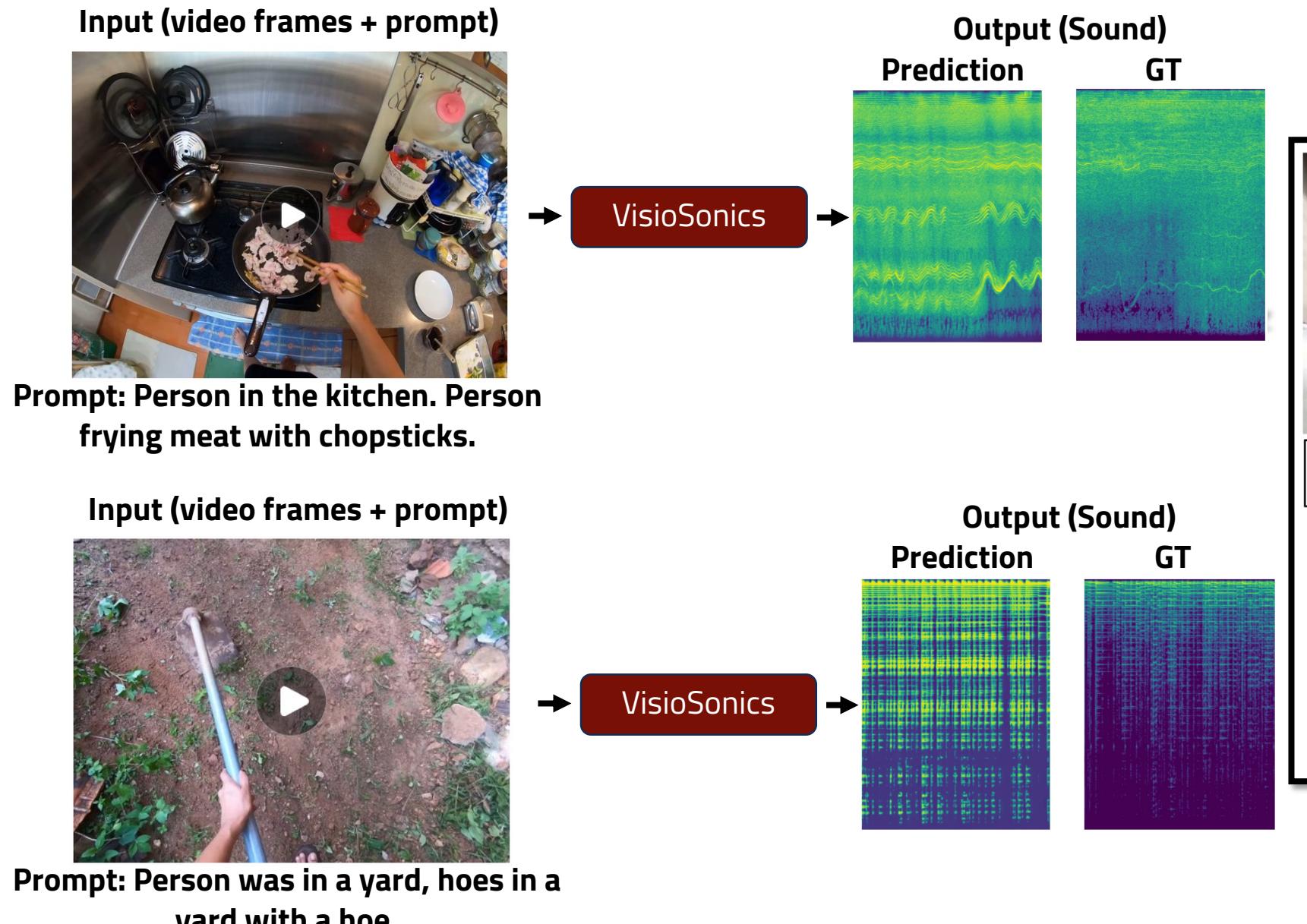
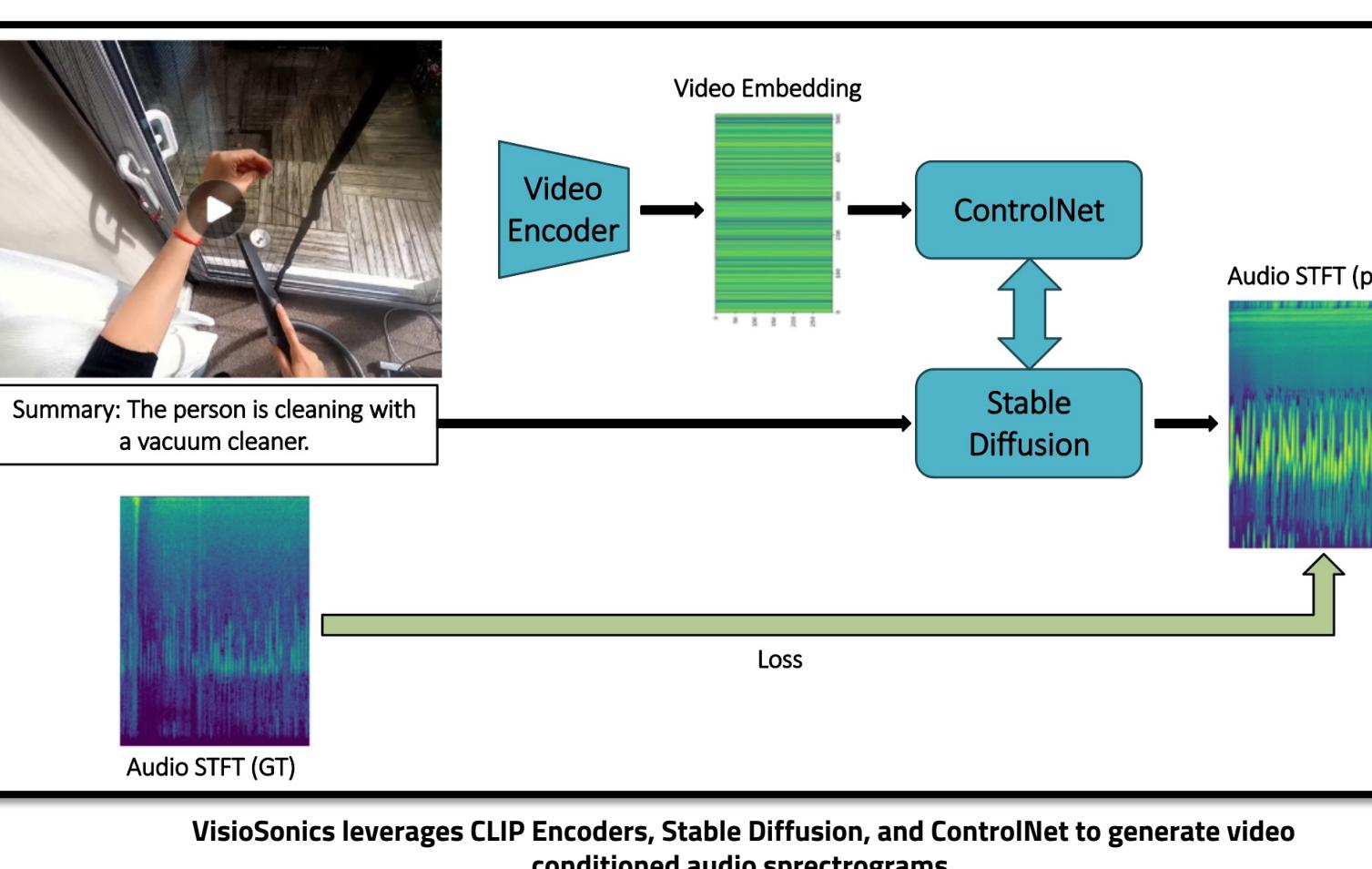


VisioSonics: Bridging Vision and Audio

Aashish Rai¹ and Srinath Sridhar¹
¹Brown University

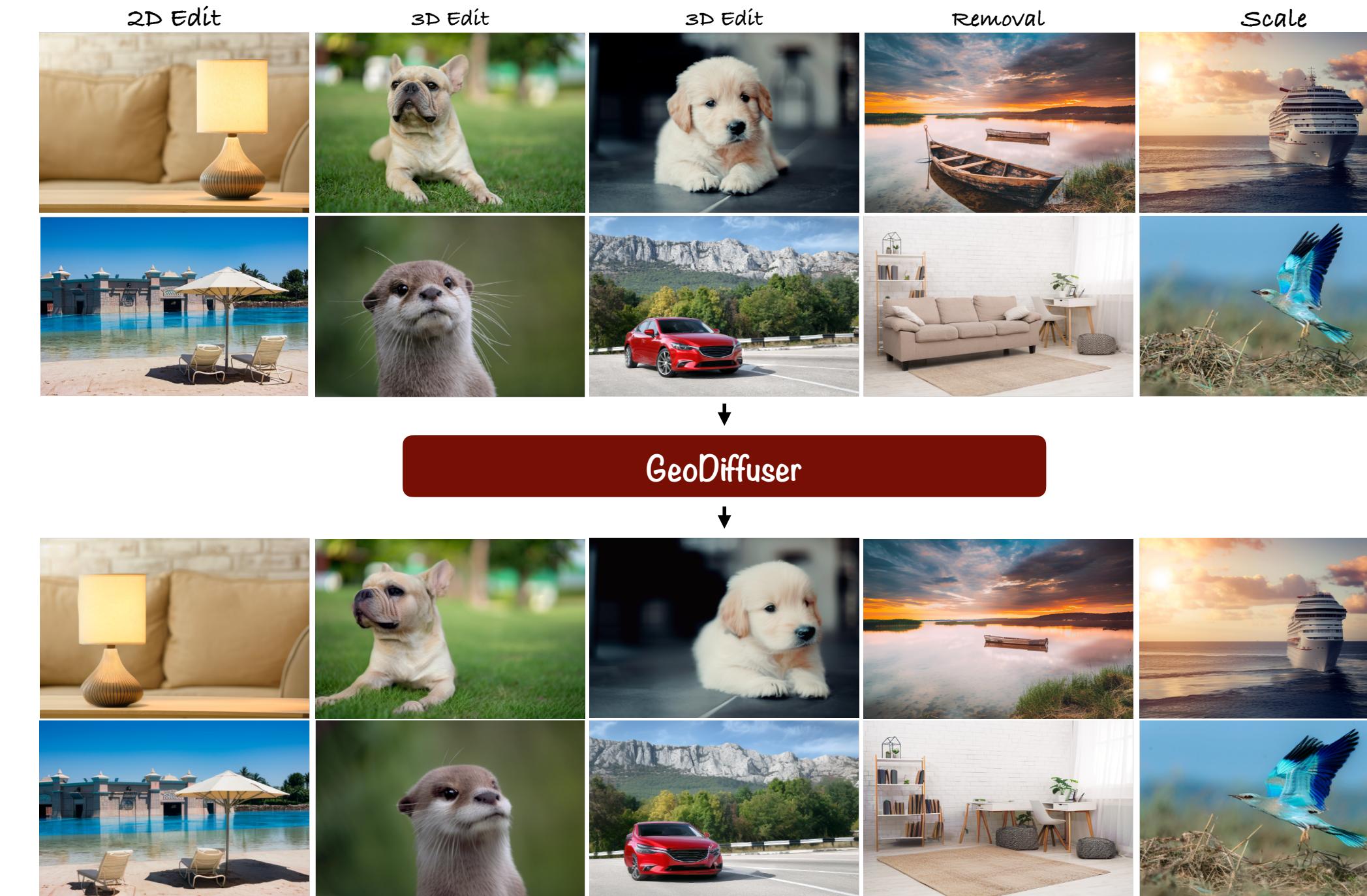


Given a muted video (image sequences) and a short summary of the scene (prompt), our method can predict the corresponding synchronized audio.



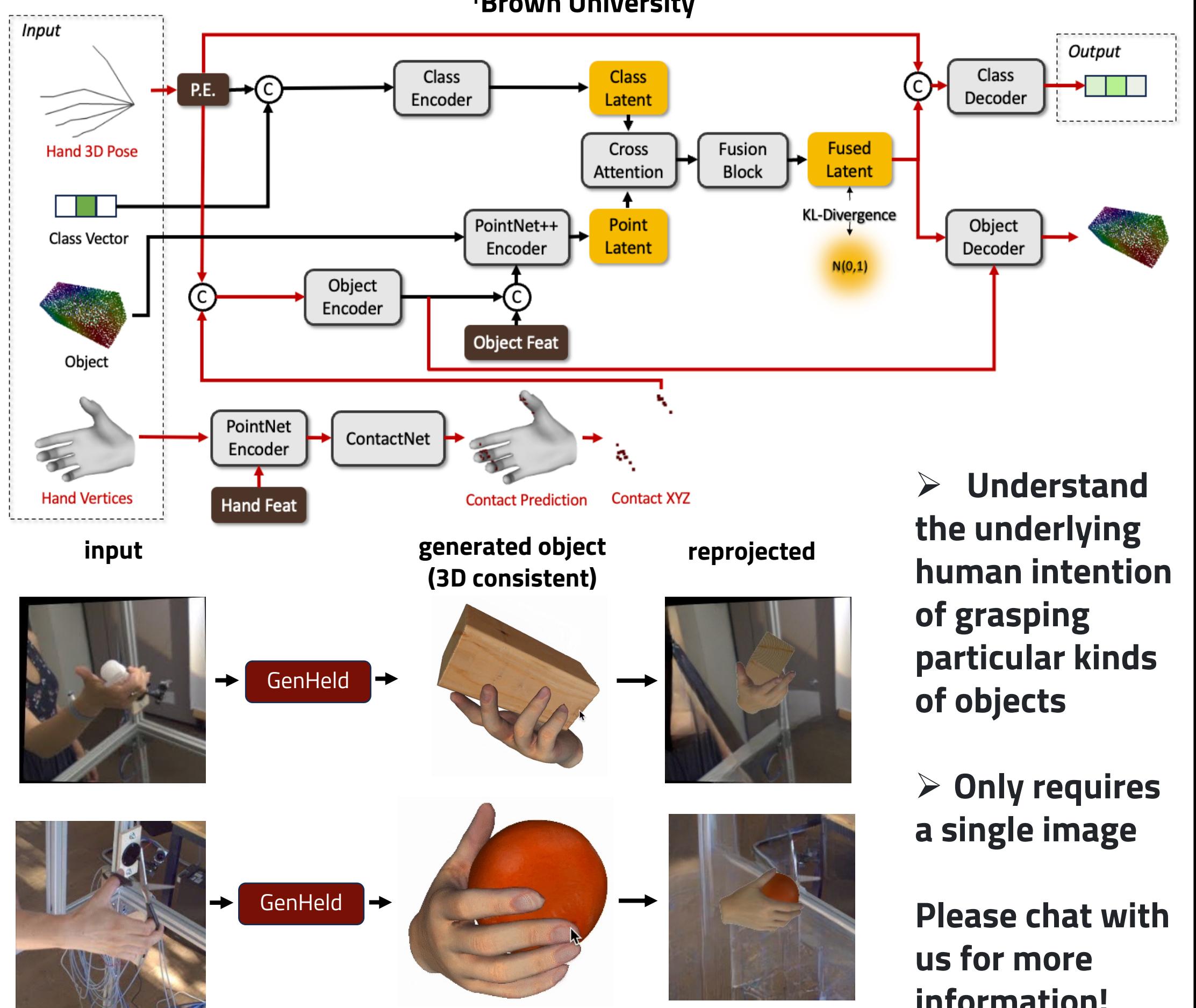
GeoDiffuser: Geometry-Based Image Editing with Diffusion Models

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



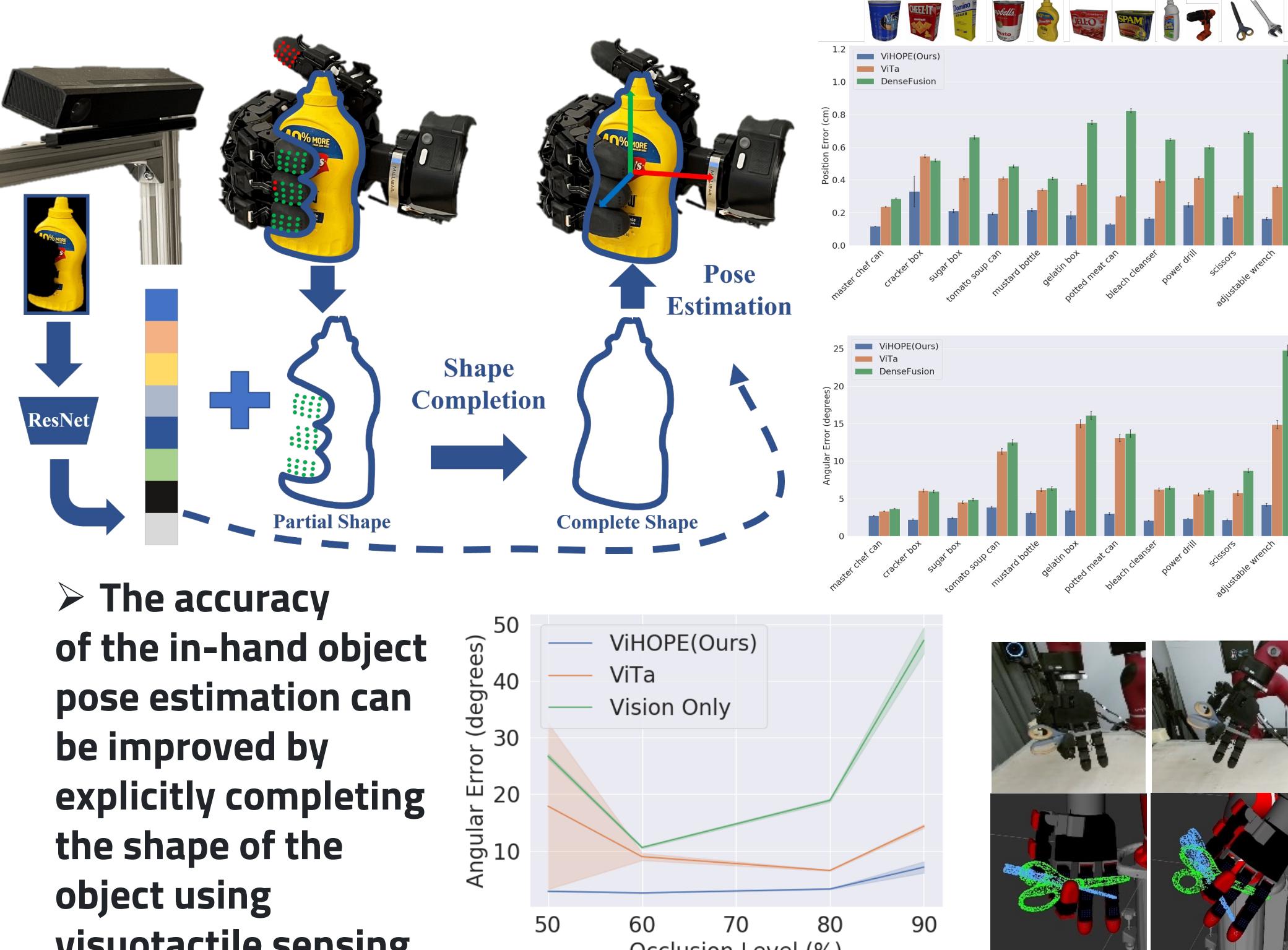
GenHeld: Generate Held Objects

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



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Indoor Scene Understanding

QiuHong Anna Wei¹ and Srinath Sridhar¹
¹Brown University

- Scene understanding using 3D or 2D information

