**Inverse** *Inference Plausible State*

(1) 100x Faster

ILP  RRMP  ILP

(2) ¼ Parameters

Inferenced State

Target State

Reproduced State

target shape

N

assign phys attribute

water environment
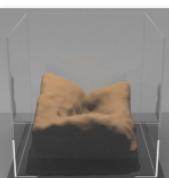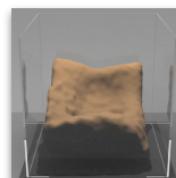
(3) Consistency Goal Rollout

...

(4) Accurate Simulation
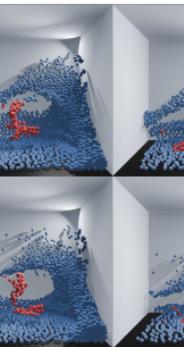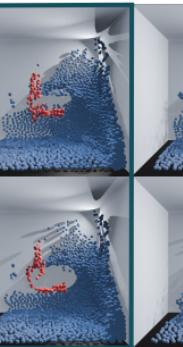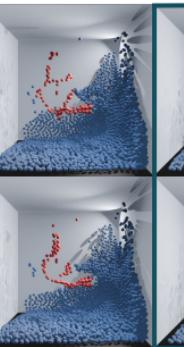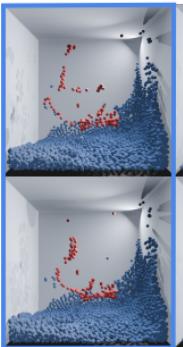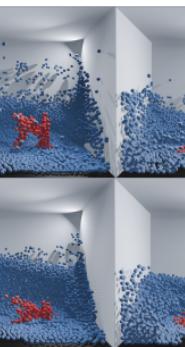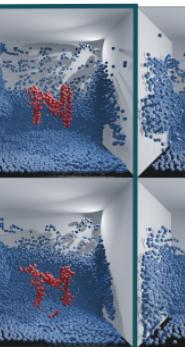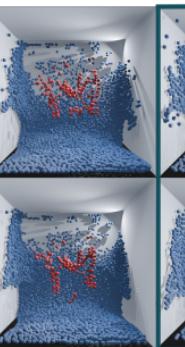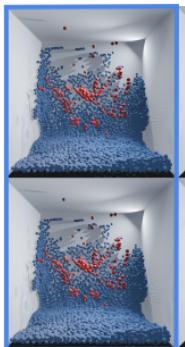
(5) Versatile Fluids
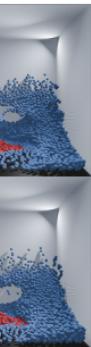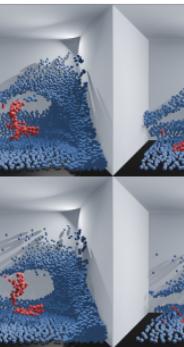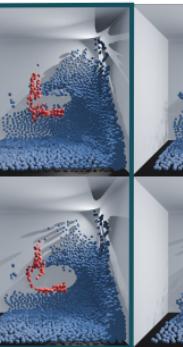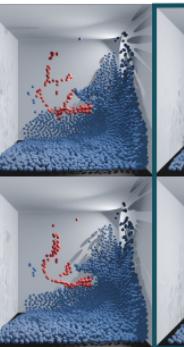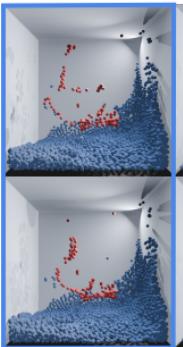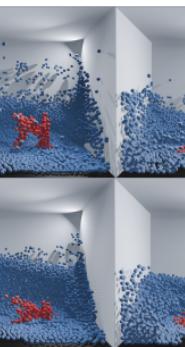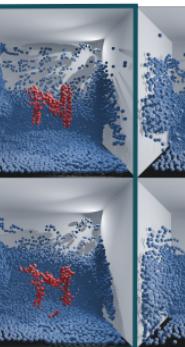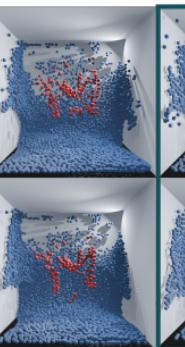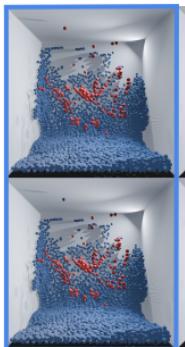
*Regressive* **Forward** *Simulate*

R-GNS

Sep-GNS

Inferenced State    Reproduced State

Inferenced State    Reproduced State