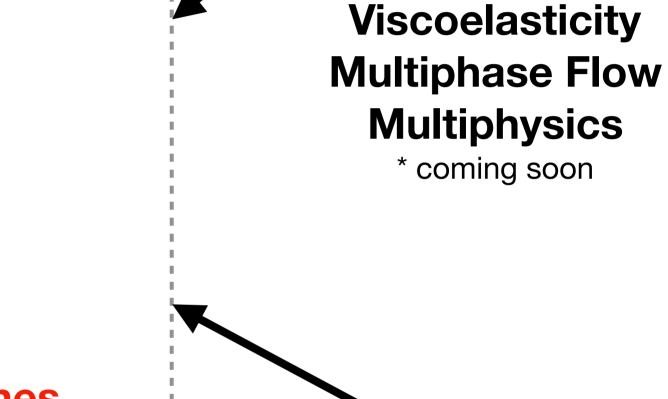
## Data Deep Neural Networks 89128x128 1x128



$$u_{tt} = c^2 u_{xx}$$

**Conservation Laws** 





PoreFlow.jl

Geomechanics

## NNFEM.jl

Constitutive Law Modeling
Hyperelasticity
Elasto-Plasticity

\* coming soon



https://github.com/lidongzh/FwiFlow.jl

## ADSeismic.jl General Seismic Inversion

https://github.com/kailaix/ADSeismic.jl