THE EINSTEIN TOOLKIT *TODAY*

- Spacetime solvers

- Initial configuration generators

- Magnetohydrodynamics solvers

- Real-time analysis & tracking

- Computational infrastructure

- … and much more

einstein
toolkit

EXTREME EFFICIENCY

- Black Holes @ Home BOINC project

  - Specialized grids achieve 50x resource reduction for binary BH mergers

  - Makes it possible to simulate on personal computers

  - Goal to significantly expand waveform catalogs

BlackHoles@Home