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Eighth release of the Einstein Toolkit, an open, community developed software infrastructure for relativistic astrophysics, is available

Louisiana State University's Center for Computation & Technology is pleased to announce the eighth release (code name "Noether") of the Einstein Toolkit, an open, community developed software infrastructure for relativistic astrophysics.

This release includes various improvements to the Cactus flesh, Carpet and GRHydro. In addition, bug fixes accumulated since the previous release in May 2013 have been included.

The Einstein Toolkit is a collection of software components and tools for simulating and analyzing general relativistic astrophysical systems that builds on numerous software efforts in the numerical relativity community including CactusEinstein, the Carpet AMR infrastructure and the relativistic magneto-hydrodynamics code GRHydro.

The Cactus Framework is used as the underlying computational infrastructure providing large-scale parallelization, general computational components, and a model for collaborative, portable code development. The toolkit includes modules to build complete codes for simulating black hole spacetimes as well as systems governed by relativistic magneto-hydrodynamics.

For more information about using or contributing to the Einstein Toolkit, or to join the Einstein Toolkit Consortium, please visit our web pages at http://einsteintoolkit.org.

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