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## Some ongoing Efforts for Evolving Einstein Field Equations on Hyperboloidal Slices

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One of the challenges in numerical relativity is to include future null infinity in the computational domain with a well-posed formulation. Success will not only enable us to evolve any system of astrophysical interest, e.g. binary black holes and extracting the gravitational wave signal at future null infinity, with any desired accuracy, but also help in studying various phenomena of fundamental interest. One proposal is to use hyperboloidal slices. In this talk, I will present our ongoing efforts for obtaining a well-posed formulation of the Einstein Field Equations on hyperboloidal slices, all in spherical symmetry. The natural extension will be to generalize these methods to full 3d.

**Presenter:** Dr GAUTAM, Shalabh (International Centre for Theoretical Sciences (ICTS), Bengaluru, India)

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