NUMERICAL RELATIVITY AND THE EINSTEIN TOOLKIT

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In these series of lectures, we will give an introduction to numerical relativity, covering the basic formalism and typical problems. There will also be a hands-on session featuring the Einstein Toolkit, a community-driven software platform which is one of the most widely used numerical relativity frameworks. The hands-on session will make use of a VirtualBox Virtual Machine. Those interested in following this session are requested to download the corresponding VM image beforehand from the following link:https://uapt33090-my.sharepoint.com/:u:/g/personal/mzilhao_ua_pt/EZi72dYnui9Ghbp4IsNfTgEBoBmSbC1zXCj2yTCpXB2xAA?e=C8mxAl