

The French community has already started to be invested in the preparation of the next generation gravitational-wave (GW) interferometer: the Einstein Telescope (ET). This European project is part of the ESFRI map and will revolutionise the multi-messenger study of the universe. The success of the identification of the electromagnetic (EM) counterparts of GW events detected by ET requires an optimised observational strategy to be prepared well in advance of the ET operations. In this talk I will introduce the work that I'm carrying out within the Multi-Messenger division of ET Observing Science Board to prepare the observations to identify the EM counterparts of ET BNS detections by using Integral Field Unit and Multi-object spectroscopy. This work can also be adapted to the electromagnetic follow-up of the BNS detected during the LVK O5 run.