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## A multi-messenger data analysis platform for O4

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To maximize the science output from kilonovae to be detected during O4, a step forward of our technical toolkits and capabilities is required. To this end, we present recent developments of SkyPortal, an open-source platform for astronomy. Over the past year, we have building this software toolkit into a fully-integrated, multi-messenger platform. In this talk, we will discuss these developments and what we hope to have in place before O4.

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