



# GRAVITATIONAL WAVE SKY LOCALIZATIONS – A VIRTUAL REALITY IMMERSION

# FROM GOOGLE POLY TO EXPEDITIONS APP

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1. Install Google app **Expeditions** (GooglePlay or App Store)
2. Connect to **Google Poly** database – <https://poly.google.com/>
3. In Google Poly there are 3 tours that you can find by searching "GW170814", "GW170817" and "Virgo interferometer"
4. Choose one tour and on the "share" button click on "Expeditions"
5. Open the app expeditions and the tour is loaded into the library
6. Download the tour and select VR mode
7. Rotate the smart phone and at the bottom there is the switch button", the cardboard should have a QR code that serves to set the cardboard
8. With the button at the top of the cardboard you can select the "hotspots" and navigate between the 4 photospheres.

# FROM GOOGLE POLY TO EXPEDITIONS APP (I)



## Bring your lessons to life with Expeditions

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Install **Expeditions App**  
from **Google Play** or  
**App Store**



<https://poly.google.com/>

In **Google Poly** search  
for “GW170814” or  
“GW170817” or  
or “Virgo  
interferometer”

# FROM GOOGLE POLY TO EXPEDITIONS APP (II)

https://poly.google.com/view/93bPQTKWic

gw170814

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Sky localization of GW170814 - optical background.

Scene 1 of 4

GW170814 - sky localization of 1 mi place

Mi piace Condividi

GWsky

Sky localization of GW170814. It is the first triple-coincident observation of a black hole merger by the LIGO and Virgo detectors. The shaded areas define the 90% confidence levels. The inner lines define the target regions at a 10% confidence level with changing color scheme at every 10% increase in confidence.

# FROM GOOGLE POLY TO EXPEDITIONS APP (III)



