

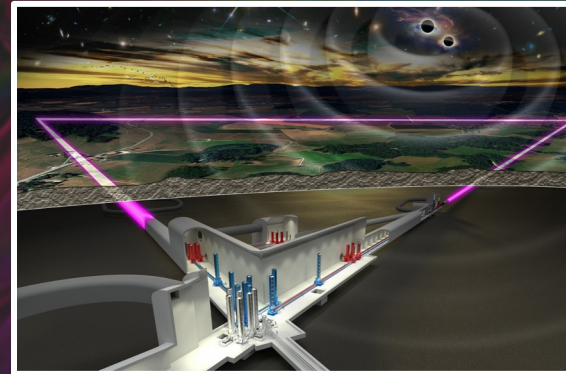
Nikhef GW programme



LIGO/Virgo/KAGRA



ETpathfinder



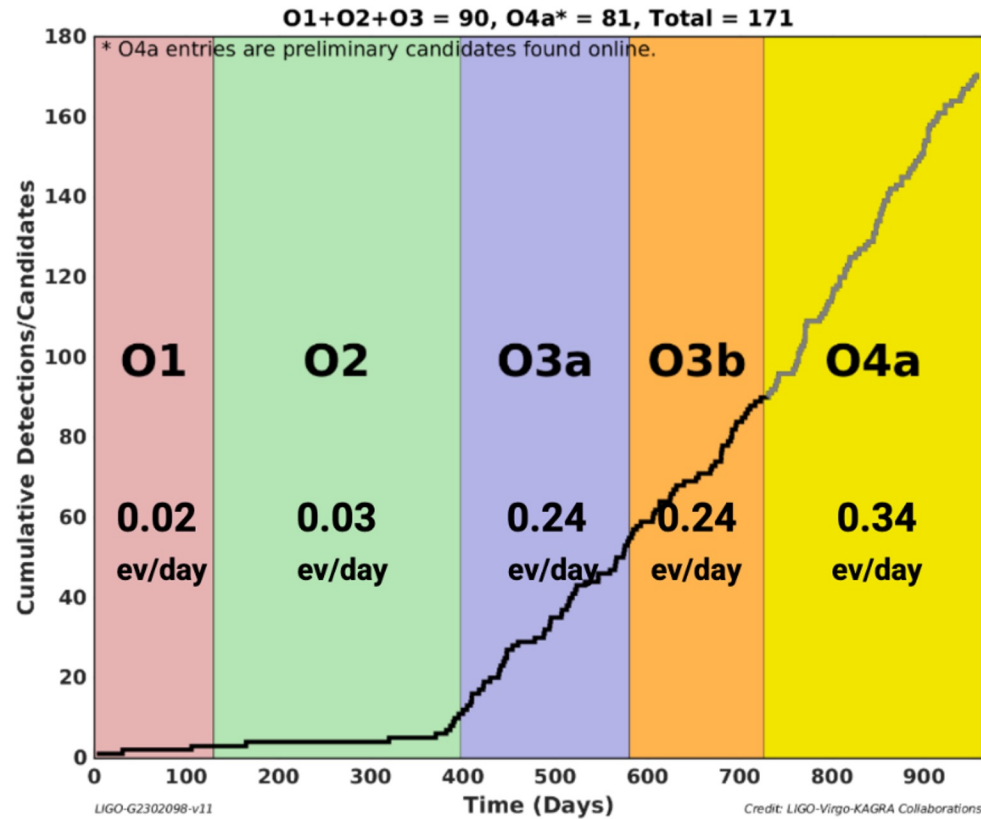
Einstein Telescope



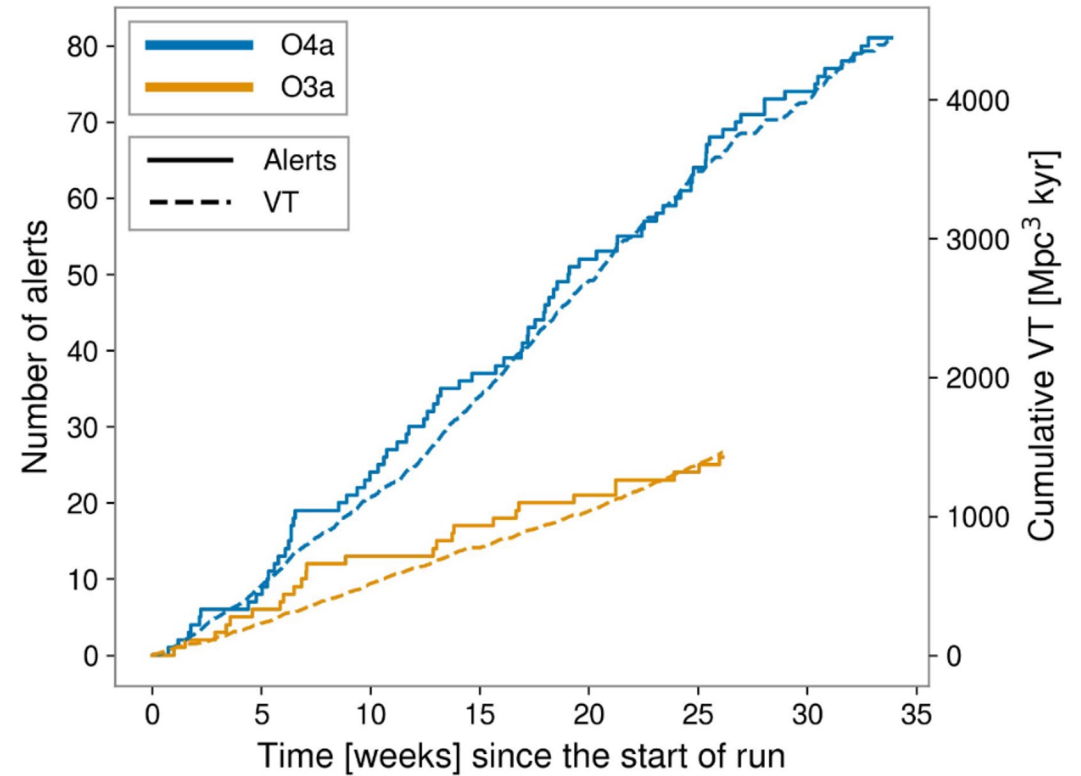
LISA*

GW observations to date

O4a significant detection candidates: **81** (92 total – 11 retracted)

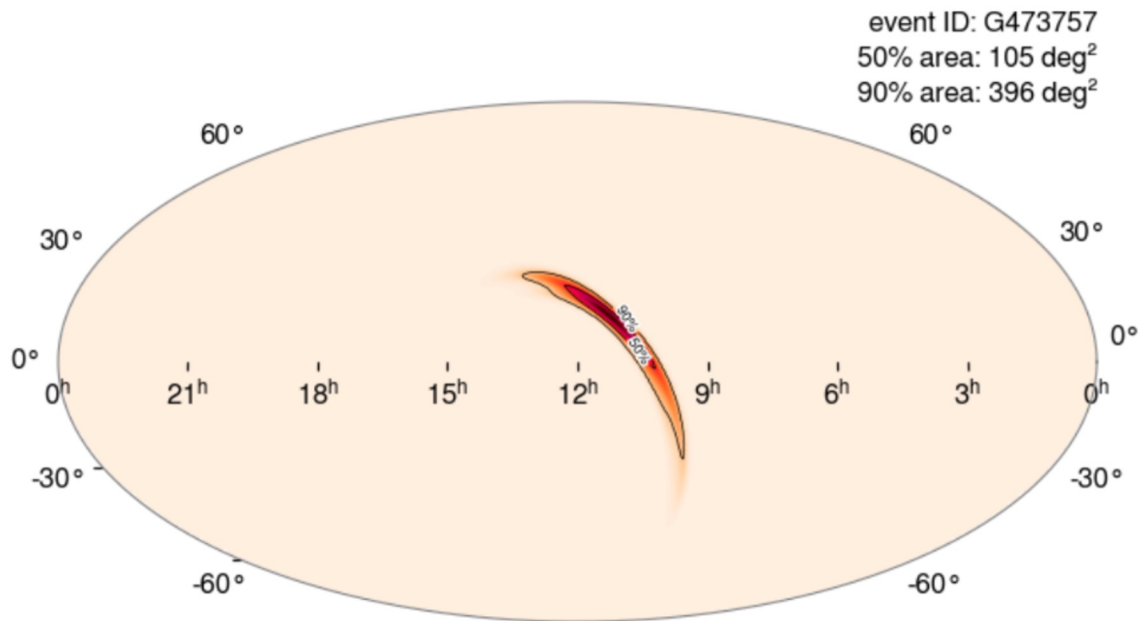


*O4 entries are preliminary candidates found online

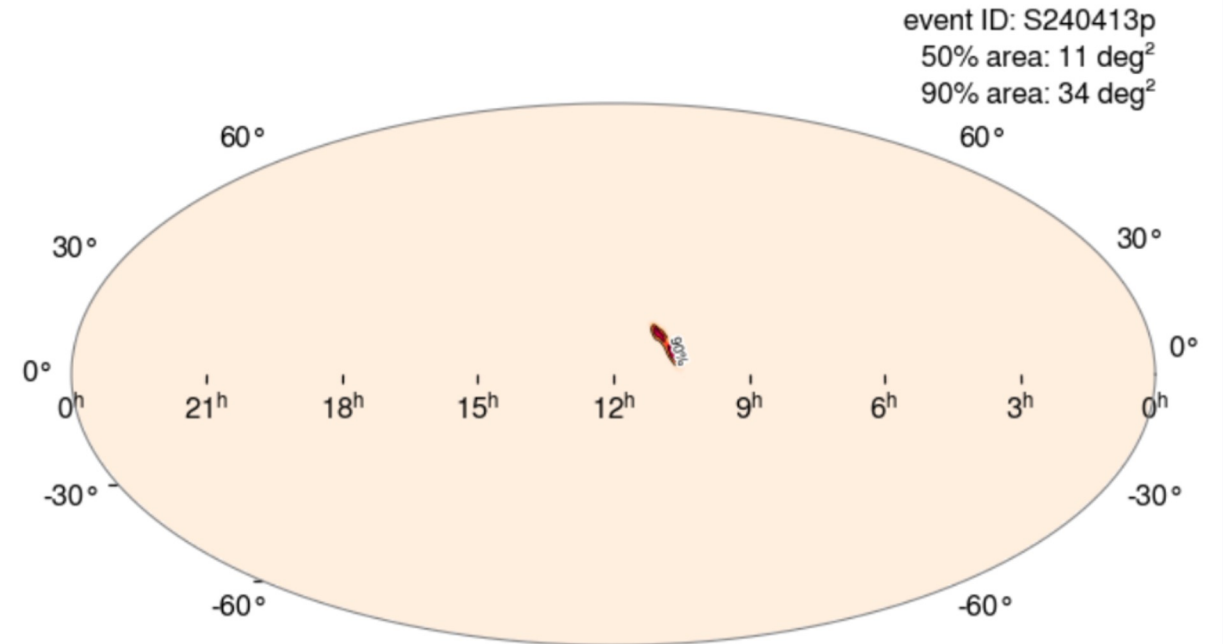


Credit: G.Gemme

Impact of Virgo on O4-network



2x LIGO



2x LIGO + Virgo

10

Heads

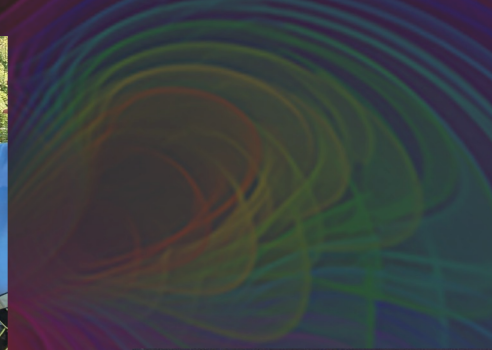


S.Hild for the GW programme

Nikhef Jamboree 2024

Slide 4

Hearts



Hands ... at work ...

