

# g2net WG3 training school on Machine Learning for Advanced Control Techniques



Contribution ID: 8

Type: **not specified**

## LISA talk on disentanglement of GW

*Wednesday, 1 September 2021 09:00 (2 hours)*

We will detect tens/hundreds GWs per day and need to determine if more than one GW occurs at the same time; opportunity for multi messenger cooperation.

Here are links to the two google colab notebooks that Natalia created for practicing the concepts from her lecture:

[https://colab.research.google.com/drive/1zoUz5fDEJ3vS1l\\_i6bbDfgEFJLuAVdm8?usp=sharing](https://colab.research.google.com/drive/1zoUz5fDEJ3vS1l_i6bbDfgEFJLuAVdm8?usp=sharing)

<https://colab.research.google.com/drive/1hRjtDyEYTbxTD6KbJAs70MYePUIwf2ID?usp=sharing>

The recording of Natalia's presentation follows below:

<https://panopto.abo.fi/Panopto/Pages/Viewer.aspx?id=89d73d9d-3d7e-4381-81d0-ada400d9d638>

**Presenter:** Dr KORSAKOVA, Natalia (SYRTE/Paris Observatory)