



GWMuII 2021 virtual workshop report



Schedule and organisation

- The GWMull workshop was held over Zoom on 29 and 30 July, 2021.
- There were 2 sessions each day: 0900-1215 & 1400-1715 BST
- Each session began with a short 10 min introduction and ended with 30 minutes of discussion time. Each speaker had 20 minutes (talk+questions).
- To improve engagement, we set up 1 Padlet site for each session.
 - 29 July morning: <https://padlet.com/ikheng/14gbhcf61quhvkz>
 - 29 July afternoon: <https://padlet.com/ikheng/gy5y2h4b7ewtue21>
 - 30 July morning: <https://padlet.com/ikheng/2mnqh1ycml1gw9hr>
 - 30 July afternoon: <https://padlet.com/ikheng/bw6lm9cbah4zbldn>
- Presenters answered many questions offline on Padlet; questions could also be asked anonymously (eg. for shy newcomers)
- Talk slides & recording links can also be found on Padlet

Siong Heng + 11 • 1mo

GWMull session 4 (Friday afternoon) questions & discussion

Please remember to scroll left and right for more content.

Introduction & discussion

Siong Heng 1mo

Session recording link

<https://uofglasgow.zoom.us/rec/share/t4II6h60sirvGLwr5MWV-3fQ6P9LeKaWTW8PwotHv2bWUjW3-ig2qR9Wbwwmonvd.arw0zEOKcGHNIXOu>

Passcode: jQ9weD@9

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Add comment

Siong Heng 1mo

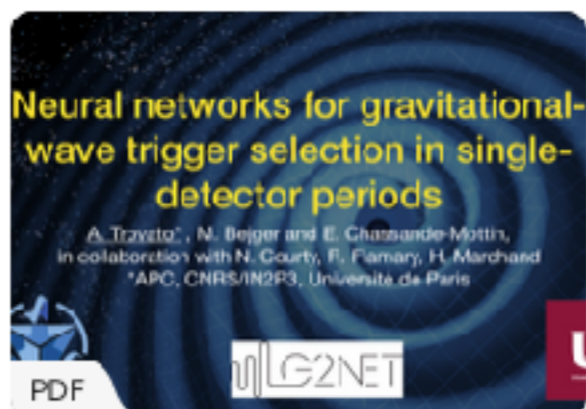
Example Question

Please press "+" under each talk title and type your question. Answers can be made as a comment under each question.

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NN for single detector triggers (A. Trovato)

Anonymous 1mo



Trovato_GWMuI_y2

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Anonymous 1mo

A: what date before 04 do you expect the detector's glitch behaviour representative of what we expect for 04? (Szabi)

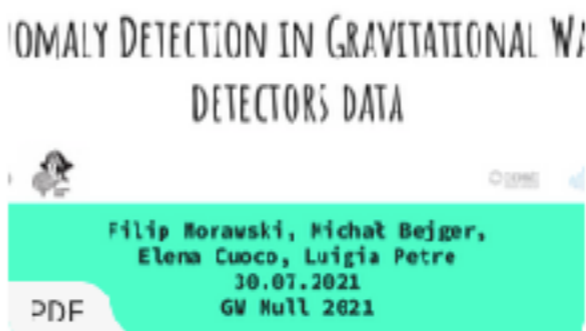
Anonymous 1mo

Hi Szabi, I am not sure of the reply. We have not tried to test the network on different runs than the one used for training (Agata).

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Anomaly detection in GW data (F. Morawski)

Anonymous 1mo



gwmull2021

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Add comment

David Keitel 1mo

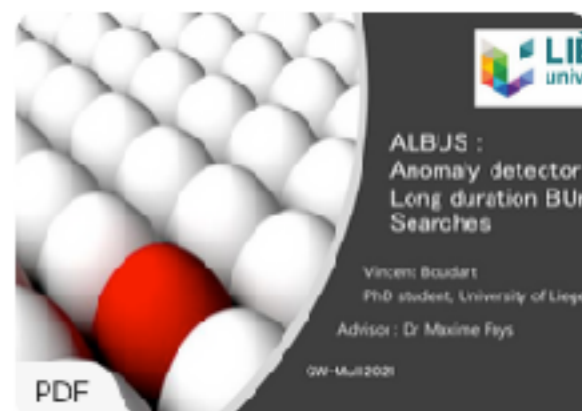
Hi Filip, following up from my spoken question "what sort of anomalies do you see in pure

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ALBUS (V. Boudart)

Anonymous 1mo

ALBUS : Anomaly detector for Long duration BURst Searches



ALBUS_GWMull

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Add comment

Christopher Messenger 1mo

Extending to the CW and the short transient domain

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Participation and feedback

- There were 91 registered participants with 24 talks proposed (5 female speakers)
- Each session had between 30 and 50 participants.
- Engagement via Padlet was a success and there were active discussions both on Zoom and in Padlet.
- We had a feedback survey which had 26 responses (22 male, 4 female).
- All responses had an overall positive impression.
- A lot of positive comments about high quality of talks and also good discussion and use of Padlet.
- Proposed things we could address for next time include:
 - hands-on/hackthon sessions
 - more discussion of general ML topics for beginners
 - more talks from non-ML experts on their specialist topics
 - invite computer scientists to future meetings