WG3's training school 2021 in Turku, Finland (hopefully)

- Schedule
  - June 2021 → 7-10.6 or 14-17.6 or August-September 2021 → 30.8-2.9

- Format
  - Starts Monday after lunch, ends Thursday morning, Tuesday/Wednesday afternoon free (social dinner?)
    - MC meeting in the afternoon on Thursday
  - Every speaker has about 2h lecture + some exercise form, audience playing with data, guided by speaker

- Grants
  - Fully paid for speakers
  - Fix-amount grant for participants, covering basic accomodation, travel, food

- Francesca Badarracco → "Newtonian Noise Cancellation Strategies and Optimisation Problems"

- Luca Naticchioni → "Einstein Telescope site characterisation measures and their impact on the third generation GW detectors"
  - Presenting the telescope and problematic

- Andreas Freise → "Einstein Telescope (ET): technical & scientific challenges for the future GW detectors"
  - What data analysis is done and how we could employ ML

- Deep Learning taxonomy --> CNN, RNN, Generative
  - How to use some NN for some specific tasks

- Natalia Korsakova → LISA talk on disentanglement of GW
  - 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

- Fabio Bonsignorio → Robotics

- Non-linear time series analysis

Machine Learning for Advanced Control Techniques

- Workshop page → https://indico.ego-gw.it/event/172/
  - Slides are there already, together with some other materials
  - Videos are "in the processing"
  - We will email participants when all videos are in

- Thank you for participation!!!

- Send us feedback on anything regarding the workshop
  - The content
  - The online form
  - …

LG2NET