

Gravitational Wave Advanced Detector Workshop 2021

17-21 May 2021



Plenary Session May 21 2 pmUTC

16:00 → 18:30 Workshop conclusions

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|-------|---|-------|
| 16:00 | Summary of Quantum noise and optical configurations workshop
Speakers: Martina De Laurentis (Istituto Nazionale di Fisica Nucleare) , Sebastian Steinlechner (Maastricht University & Nikhef) | 🕒 20m |
| 16:20 | Summary of Scattered light workshop
Speakers: Alena Ananyeva (Caltech) , Andreas Freise | 🕒 20m |
| 16:40 | Summary of Cryogenics workshop
Speakers: Kazuhiro Yamamoto (Faculty of Science, University of Toyama) , Paola Puppo (ROMA1) | 🕒 20m |
| 17:00 | Summary of Low frequency workshop
Speakers: Dr Conor Mow-Lowry (Vrije Universiteit Amsterdam and Nikhef) , Masaki Ando (Department of Physics, Univ. of Tokyo) | 🕒 20m |
| 17:20 | Summary of Controls and machine learning workshop
Speakers: Bas Swinkels (Nikhef) , Gabriele Vajente (Caltech) | 🕒 20m |
| 17:40 | Summary of Coating thermal noise Workshop
Speakers: Elisabetta Cesarini (ROMA2) , Gianpietro Cagnoli (ILM-UCBL) , Stuart Reid (SUPA, University of Strathclyde) | 🕒 20m |
| 18:00 | GWADW 2022
Speakers: Kentaro Somiya (Tokyo Institute of Technology) , Shinji Miyoki (Institute for Cosmic Ray Research, The University of Tokyo) | 🕒 15m |
| | <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;"> Somiya210521.pdf </div> | |
| 18:15 | GWADW 2021 Conclusions
Speakers: Francesco Fidecaro (University of Pisa and INFN) , Gabriele Vajente (Caltech) , Kentaro Somiya (Tokyo Institute of Technology) , Marica Branchesi (GSGC) , Rana Adhikari (Caltech) , Shinji Miyoki (Institute for Cosmic Ray Research, The University of Tokyo) | 🕒 15m |

Some statistics

Plenaries on Zoom, connection instructions on indico

- 38 Recorded talks, about 12 hours of video and Q&A sessions
- 44 presentations in 6 workshop
- 51 Posters

Everything accessible as now until June 5.

Then video material will be removed

Slides will be made public.

Contact us if a different action is desired

Structure of workshops

ALL TIMES UTC nominal duration 2 hours

Wednesday 4 am

Coating Thermal Noise Room Capraia

Scattered Light Room Gorgona

Wednesday 9 pm

Cryogenics Room Capraia

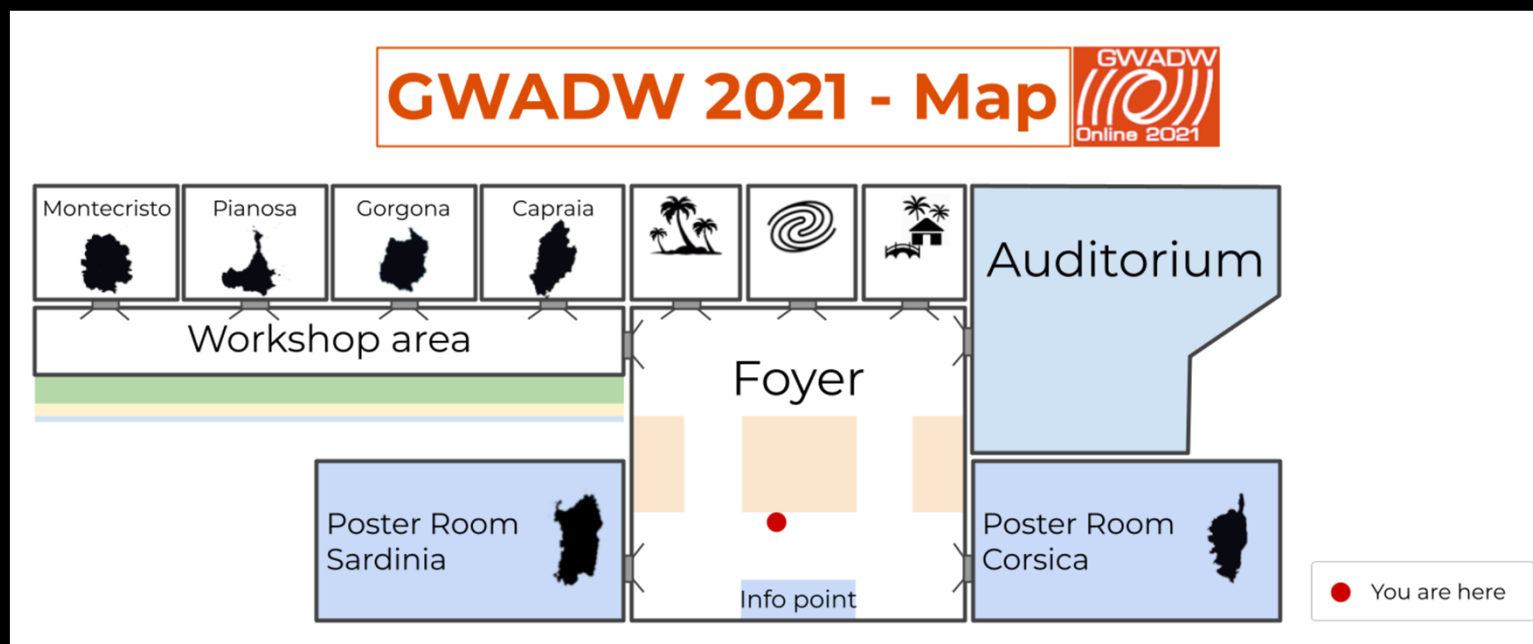
Low Frequency Room Gorgona

Perhaps better to have only two slots over 24 hours,

But much better in presence

Venue

Worked well for posters



Thanks

For support by
INFN



NSF-LIGOLab



Japan Society for Progress of Science



Frontier Detectors for Frontier Physics



Thanks

To our conveners

Alena Ananyeva, Masaki Ando, Koji Arai, Nicolas Arnaud, Stefan Ballmer, Gianpietro Cagnoli, Enrico Calloni, Elisabetta Cesarini, Hsin-Yu Chen, Martina De Laurentis, Andreas Freise, Stefan Hild, Conor Mow-Lowry, Edward Porter, Paola Puppo, Kentaro Somiya, Sebastian Steinlechner, Bas Swinkels, Gabriele Vajente, Kazuhiro Yamamoto, Viviana Fafone

Thanks

To the poster presenters

Alexander Franke, Alexandra Gruson, Andrea Nelson, Anthony Amoros, Antonios Kontos, Ching Pin Ooi, Chinmay Gandevikar, Daniel Hartwig, Enrico Porcelli, Francesco Di Renzo, Francesco Puosi, Graeme McGhee, Homare Abe, Jesse Van Dongen, Jessica Steinlechner, Jonathan Zinser, Joris van Heijningen, Joscha Heinze, Julian Gurs, Kaido Suzuki, Keiko Kokeyama, Koji Nagano, Leonid Prokhorov, Loïc Amez-Droz, Lucia Trozzo, Marcel Beck, Marco Angelucci, Maria Cifaldi, Marius Waldvogel, Mateusz Bawaj, Matteo Bischi, Maya Kinley-Hanlon, Oliver Gerberding, Paul Fulda, Peter Murray, Riccardo Rodica Martin, Roselyn Jose, Rutuja Gurav, Sam Cooper, Shang Yaw, Sheon Chua, Shreevathsa C. S., Simon Tait, SOUMMYADIP BASAK, Thu Ha Dao, Tobias Eckhardt, Victoria Graham, Viola Spagnuolo, Yuhang Zhao, Yuka Oshima

Thanks

To our local support

Francesco Di Renzo gather.town builder

Nunziato Sorrentino, Massimiliano Razzano

Enrico Mazzoni

And special thanks to our Scientific Secretariat

Lucia Lilli

Claudia Tofani



Thanks to all of you

From the organizers: Rana Adhikari, Marica Branchesi, FF, Shinji Miyoki, Kentaro Somiya, Gabriele Vajente

See you in Hokkaido!

