Session Program

Jan 14 – 16, 2019

1st Conference on Machine Learning for Gravitational Waves, Geophysics, Robotics, Control System and CA17137 MC2 meeting

ML for low-frequency seismic measurement

EGO Auditorium
European Gravitational Observatory, Via E. Amaldi 56021 S. Stefano a Macerata - Cascina (PI), Italy.

Tue, January 15

9:00 AM

ML for low-frequency seismic measurement

Session |
Location: EGO Auditorium, European Gravitational Observatory, Via E. Amaldi 56021 S. Stefano a Macerata - Cascina (PI), Italy.

9:00 – 9:15 AM **WG2 introduction**

Speaker
Alessandro Bertolini

9:15 – 9:45 AM **Newtonian Noise subtraction test array at Virgo**

Speaker
Tomasz Bulik

9:45 – 10:15 AM
Robots for GW detectors and infrastructure monitoring and operation: Can Networks of Autonomous Robotics Vehicles help the characterization of Newtonian, Acoustic and Other Source Noise in GW detection?

Speaker
Prof. Fabio Bonsignorio

10:15 – 10:45 AM **Machine Learning for seismic events**

Speaker
Ms Jozinović Dario

10:45 – 11:15 AM **Generalized maximum entropy inference for seismic models**

Speaker
Dr Velimir Ilic

11:15 AM

2:00 PM

ML for low-frequency seismic measurement

Session |
Location: EGO Auditorium, European Gravitational Observatory, Via E. Amaldi 56021 S. Stefano a Macerata - Cascina (PI), Italy.

2:00 – 2:40 PM **GW detector sites characterization with seismic arrays**

Speaker
Soumen Koley

2:40 – 2:50 PM **Short Term Scientific Mission Call**

Speaker
Apolinario Liliana

6:15 PM