

Session Program

23-26 Jan 2023

2nd SPB Workshop

‘Impact on ET performance’, including: ISB point of view, KAGRA experience, seismic, acoustic, magnetic measurements at sites, connections with external noise sources like sea, wind turbines, trains, roads/bridges, mining, etc., impact on ET duty cycle of e.g. seismic activity, Newtonian Noise & Newtonian Noise compensation

Thiessen Wineries, Maastricht, Netherlands

Thiessen Wineries, Maastricht, Grote Gracht 18, 6211SW, Maastricht, The Netherlands. <https://thiessen.nl/> Apart from a centuries-old wine shop where you can buy world-famous wines, Thiessen is one of Maastricht's finest event venues for groups of max 50 people. The beautiful city building – located in Maastricht's center– with its historic atmosphere and variety of spaces, is an ideal place for both the plenary parts of our workshop (max 50 attendants) and the informal discussions during the breaks. Lunch will be served in the wine cellars where also the workshop dinner on Tuesday evening will take place.

Monday 23 January

14:00

'Impact on ET performance', including: ISB point of view, KAGRA experience, seismic, acoustic, magnetic measurements at sites, connections with external noise sources like sea, wind turbines, trains, roads/bridges, mining, etc., impact on ET duty cycle of e.g. seismic activity, Newtonian Noise & Newtonian Noise compensation

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14:00-14:30

Seismic hazard update in the EMR region (20'+10')

Speaker

Dr Hans Balder Havemith

14:30-15:30

ISB- Active Noise Mitigation: effects of environmental noises on ET performance (45'+15')

Speaker

Jan Harms

15:30-16:00

Seismic Newtonian noise and seismic glitchness at the candidate sites (20'+10')

Speaker

Rosario De Rosa

16:00-16:30

Coffee/tea

16:30-17:00

Newtonian noise estimation at EMR site (20'+10')

Speaker

Soumen Koley

17:00-17:30

Borehole measurements at the candidate sites (20'+10')

Speaker

Andreas Rietbrock

17:30-17:45

WD1 status and M1.1, M1.2 reference documents

Speakers

Luca Naticchioni, Dr Shahar Shani-Kadmiel

17:45-18:00

Closing of the first day + Organisational announcements

18:00

Tuesday 24 January

09:00

'Impact on ET performance', including: ISB point of view, KAGRA experience, seismic, acoustic, magnetic measurements at sites, connections with external noise sources like sea, wind turbines, trains, roads/bridges, mining, etc., impact on ET duty cycle of e.g. seismic activity, Newtonian Noise & Newtonian Noise compensation

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09:00-09:30

KAGRA experience: impact of environmental noises on an underground GW detector (20'+10')

Speaker

Takaaki Yokozawa

09:30-10:00

Impact of external environmental noise on Virgo observation runs (20'+10')

Speaker

Maria Concetta Tringali

10:00-10:15

local sources of seismic noise at EMR site (10'+5')

Speaker

Dr Shahar Shani-Kadmiel

10:15-10:30

Study of local sources of noise at Sardinia site (e.g. Wind Turbines, railroads, etc) (10'+5')

Speaker

matteo di giovanni

10:30-10:50

The infrasound installation in Sardinia (15+5)

Speaker

Mariusz Suchenek

10:50-11:10

Analysis of the infrasound data (15+5)

Speaker

Dr Josiah Ensing

11:10