

Timetable of GWADW2022

updated on 2022/5/23

Time and date in JST (UTC+0900)

May 23	Plenary Session	
	https://zoom.us/j/91583868290	
13:30~13:35	Introduction of the meeting	K.Somiya (Tokyo Tech)
13:35~13:55	Observing black holes throughout the Universe	M.Colpi (U Milano Bicocca)
13:55~14:15	Pre-merger warning of compact binaries	A.Nitz (AEI)
14:15~14:35	Multi-messenger observations of gravitational-wave transients	A.Corsi (Texas Tech)
14:35~14:55	Approaches to low frequency noise in LIGO	L.McCuller (Caltech)
14:55~15:15	AdV+ low frequency noises challenges and plans	M.Was (LAPP/CNRS)

May 23	Scatter Light for LF	
	https://zoom.us/j/92662711303	
22:30~23:00	Scattered light measurement and active mitigation for Advanced Virgo Plus	E.Polini (LAPP)
23:00~23:30	Stray Light Measurements With an Instrumented Baffle in the Advanced Virgo Input Mode Cleaner Cavity	G.C.Santoro (IFAE)
23:30~24:00	BRDF revisited	H.Yamamoto (Caltech)
24:00~24:30	Fast Scattering transient noise at LIGO Livingston	S. Siddharth (MIT)

May 23	Review of LIGO's LF workshop	
	https://zoom.us/j/92662711303	
24:30~25:00	Review of the April 2021 Low-Frequency Workshop	P.Fritshel (MIT) and B.Lantz (Stanford)

May 24**Poster Session I**

Find the link in the email that has been sent to workshop participants.

13:30~15:30

Poster room A is open for the poster session I.

May 24**Suspension for LF**<https://zoom.us/j/92662711303>

22:30~22:35

Introduction

J. van Heijningen (UC Louvain)

22:35~22:55

The latest development in ALFRA, the UWA low-frequency rotational accelerometer

A.Al-Jodah (UWA)

22:55~23:15

Update on sensing seismic platform relative motion using Digital Interferometry

S.Chua (ANU)

23:15~23:35

New Generation Superattenuators for Einstein Telescope

L.Trozzo (INFN)

23:35~23:55

E-TEST: A Compact Isolation Concept for Future Einstein Telescope

A.Sider (U Liege)

23:55~24:15

Newtonian Noise in the Einstein Telescope

F.Badaracco (UC Louvain)

24:15~24:35

Tunnel configurations and seismic isolation optimization in underground gravitational wave detectors

R.DeSalvo (U Utah)

24:35~24:50

Some more discussions

May 25**Technical Noise for LF**<https://zoom.us/j/91583868290>

13:30~13:55

Birefringence characterisation of KAGRA ITMs and simulation with FINESSE

H.Wang (U Tokyo)

13:55~14:20

Demonstrating Interferometric Sensors to Improve Local Control of Suspended Optics

A.Mitchell (VU) and J.van Dongen (NIKHEF)

14:20~14:45

Low-frequency magnetic noise in terrestrial GW detectors: the case study of AdV+ Faraday isolator

J-L.Raymond (LAPP)

14:45~15:10

Astigmatic mode mismatch sensing for the next gravitational wave detectors.

A.Grimaldi (U Trento)

May 25	Poster Session II	
	Find the link in the email that has been sent to workshop participants.	
22:30~24:30	Both poster room A and poster room B are open for the poster session II.	

May 26	Cryogenics for LF	
	https://zoom.us/j/91583868290	
13:30~13:50	Sapphire suspension in KAGRA –Current design and perspective-	T.Ushiba (ICRR)
13:50~14:10	Characterisation of bonded silicon components towards assemblies for 3rd generation detectors	G.Lacaille (Glasgow)
14:10~14:30	Silicon suspensions: thermal noise and mechanical properties	F.Travasso (U Camerino)
14:30~14:50	Thermal and mechanical simulation of the cryo-payload: status and preliminary results	P.Puppo (INFN Roma)
14:50~15:10	A new approach for suspending cryogenic mirrors	F.Badaracco (UCLouvain)
15:10~15:30	He-II filled marionette suspension for the cryogenic payload of the ET-LF interferometer	X. Korovesi (KIT)
15:30~15:50	Sapphire technology for cryogenic detectors: new results from Lyon	T.Aventin (iLM)

May 26	Missing issues for LF	
	https://zoom.us/j/92662711303	
22:30~22:50		
22:50~23:10		
23:10~23:30		
23:30~23:50		
23:50~24:10		
24:10~24:30		

May 27

Poster Session III

Find the link in the email that has been sent to workshop participants.

13:30~15:30

Poster room B are open for the poster session III.

May 27

Summary session

<https://zoom.us/j/92662711303>

22:30~22:50

ET at 3 Hz - can we break the 'controls noise' wall?

C.Mow-Lowry (VU)

22:50~23:10

Cosmic Explorer at low frequency

E.Hall (MIT)

23:10~23:40

Panel discussion

C.Mow-Lowry (ET), E.Hall (CE), Y.Aso (K), A.Rocchi (V), M.Tacca (V), J.Driggers (L), G.Vajente (L)

23:40~23:55

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F.Fidecaro (INFN Pisa)

23:55~24:00

Closing remark