FSC Meeting memo 2021.9.30 16:00-17:00 (JST)

 [Haino, Somiya, Ando, Shao, Gao, Jin, Loenardi, Lee, Yamamoto, Saha ]

・Self introduction by new members

・Initial task assignment

 🡪 Ask help for the open meeting, other tasks will be assigned in

 the next meetings

・Reports

 - Conferences

　　　\*　KAGRA F2F in August

 🡪 Had a 1.5-hour session. Filter Cavity, Mirror, FSC

 <https://dac.icrr.u-tokyo.ac.jp/KAGRA/KSC/f2f/2021August#session07>

 🡪 Next KAGRA F2F will be on Dec 20-21, 2021 (TBD)

 Possibility of satellite session for students, R&D is

 under discussion in KSC board.

 \* LVK in September 2021: Filter Cavity, FSC activity

 <https://wiki.ligo.org/LSC/Meeting/LVKMeetingSeptember2021>

 🡪 KAGRA future Workshop will be helpful in the upcoming LVK

 There was coating discussions, no decision was made.

 Lots of questions (and misunderstandings) on KAGRA

 mirror performance. 🡪 Coherent explanations will be helpful.

 \* Dawn VI meeting on 5,6,7 October 2021 🡪 Focus on CE

 - Information of upcoming meetings

 \* GWIC: Somiya attended as the LoC chair of GWADW

 \* GWPAW in Hannover in December 20 (in person + online)

 \* LVK in March Louisiana (in person + online)

 \* KIW9 Beijing (TBD)

 \* LISA sympo. next year (online)

・Action Items

 - Open meeting for R&D activities

 🡪 November 9th ,2021, Announcement done 【Somiya】

 🡪 Select topics by FSC at first

 ~9 talks 20+10 min each

 Suggested topic/ person:

 - Meao on some new topic

 - International filter cavity update, squeezing

 - ( Reduction of violin mode by Tomaru + Kanda )

 - Coating thermal noise

 - Long recycling cavity by Komori

 - Update in KAGRA+ sensitivity curve by Somiya (or somebody)

 - Water gravity gradient noise

 - (Mirror birefringence)

 - (Wave front sensor)

 - (Displacement-free interferometer)

 - New idea or R&D in data analysis

 🡪 Continue the discussion on e-mail 【A/I Somiya】

 If the slot is not filled, consider in the following step

 FWG mailing list 🡪 Nominate external people 🡪 Call to KAGRA ML

 Presentation Time zone issue should be taken into account.

 \* FSC wiki page framework is now ready. Contents should be filled later

 \* Mailing list: working on subscription

 FSC members will be added to FWG mailing list 【A/I Somiya】

 - White paper update?

 🡪 TBD in the next meetings

 White paper will be revised (or reviewed) every year.

・Free discussions: None today

Next meeting:

 End of Oct or Beginning of Nov.

 Doodle Poll. Time zone will be 22:00 or 23:00 in JST?? 【A/I Ando】

・Information

 - FSC presentation:

 https://gwdoc.icrr.u-tokyo.ac.jp/cgi-bin/private/DocDB/ShowDocument?docid=13275

 - FSC wiki:

 http://gwwiki.icrr.u-tokyo.ac.jp/JGWwiki/KAGRA/KSC/FSC

 - Mailing list:

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