Inspiring questions for all of the topics:

"Is this topology/technology ready to be used in GW detectors 10-20 years from now?"
"Is this topology/technology in particular useful for >4km (i.e. 10-40km) facilities?

Tuesday AM, May 19

9:00 - 10:30   **Squeezing now and in the future: the road to 10 dB**

* K.Dooley/E. Schreiber (25 min talk) focused on losses and control scheme with squeezing injection
* T. Isogai (25 min talk) focused on input filtering
* Discussion

10:30 - 11:00   Break %%%%%%%
11:00 - 12:30   **“Intra-cavity” filtering**

* Overview (K. Somiya, 25 min)
* White light cavities (H. Miao, 25 min)
* Discussion

Tuesday PM, May 19

4:00 – 5:30 **Output filtering**

* Variational readout (J. Harms, 25 min)
* Output “anti-squeezing” (G. Cella, 25 min)
* Discussion

 5:30 – 6:00 **What have we learned today?** (All)

 6:00 - 8:00  Posters and reception %%%%%%%%%%%%%

Wednesday AM May 20

 9:00 - 10:30 **Opto-mechanical interactions**

* Status and prospects for application in GW detectors (A. Libson/T. Corbitt, 30-45 min)
* Discussion

10:30 - 11:00     Break %%%%%%%%%%%%%%
11:00 - 12:30     More Posters Session %%%%%%%%%%%%%%

Wednesday PM May 20
4:00 - 5:30     **Topologies**

* Speed-meter (S. Danlishin, 25-30 min)
* Discussion
* Round table: Topology study for new facilities

(D. McClelland, D. Sigg, S. Hild, M. Evans, S. Ballmer, H. Lueck)

5:30 - 6:00     Break %%%%%%%%%%%%%%
6:00 - 7:00     TBD, based on inputs from previous sessions