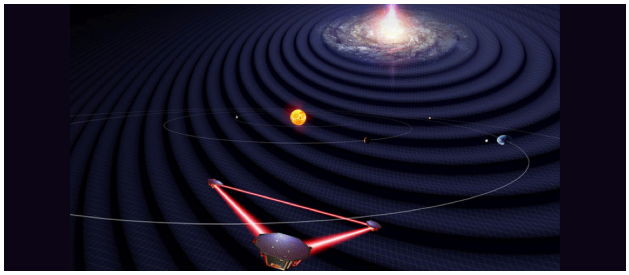

Contribution ID: **14** Type: **not specified**

Simulation Working Group

Wednesday, 28 April 2021 09:30 (30 minutes)

The space based GW detector 'Laser Interferometer Space Antenna' (LISA) will probe the low-frequency GW sources such as mergers between massive Black holes and compact binaries amongst others. To achieve its science goals instrumentation the interferometry that will measure the distance variations between freely falling test-masses is required to achieve picometer sensitivity in the given frequency range. The presentation covers an overview of the simulation of the main noises in the interferometry chain and first leg of the data processing to mitigate them.

Chair: Saeed Rastgoo (York U)
Co-Chair: Djuna Croon (TRIUMF/IPPP Durham)

Presenter: SHAH, Sweta (MPI AEI)

Session Classification: Simulation Working Group