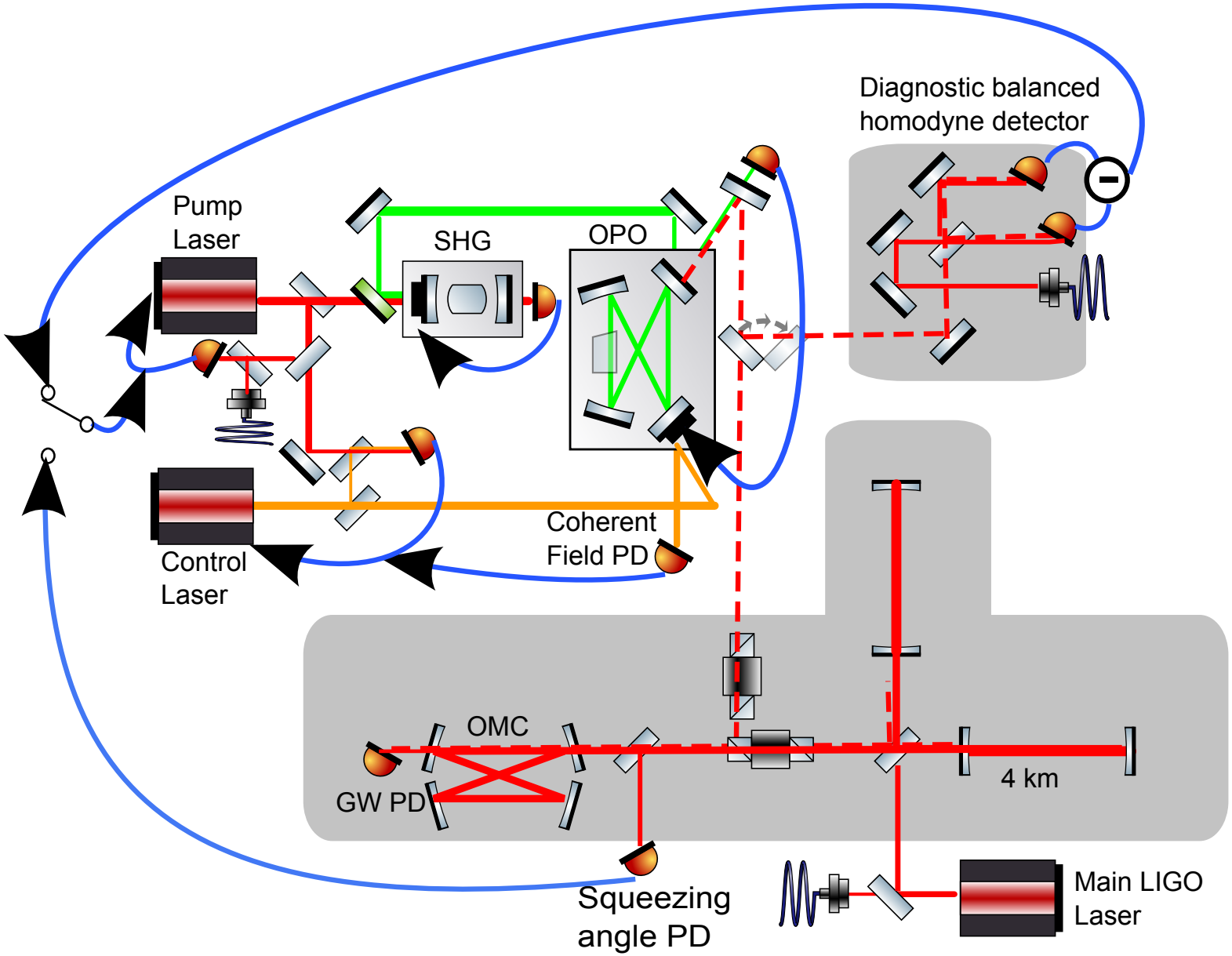
Diagnostic balanced
homodyne detector
Pump
Laser
SHG
OPO
Control
Laser
Coherent
Field PD
OMC
GW PD
4 km
Squeezing
angle PD
Main LIGO
Laser