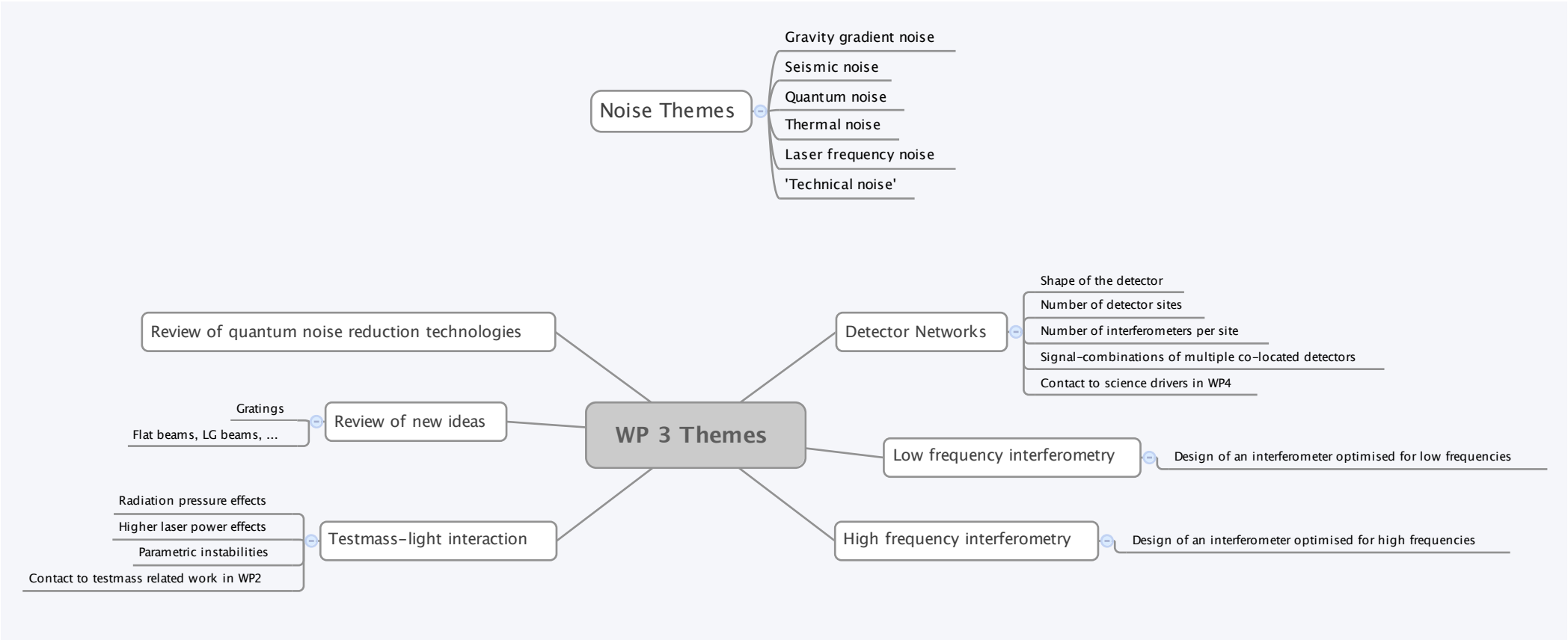
WP 3 Themes
Noise Themes
Gravity gradient noise
Seismic noise
Quantum noise
Thermal noise
Laser frequency noise
'Technical noise'
Review of quantum noise reduction technologies
Review of new ideas
Gratings
Flat beams, LG beams, ...
Testmass-light interaction
Radiation pressure effects
Higher laser power effects
Parametric instabilities
Contact to testmass related work in WP2
Detector Networks
Shape of the detector
Number of detector sites
Number of interferometers per site
Signal-combinations of multiple co-located detectors
Contact to science drivers in WP4
Low frequency interferometry
Design of an interferometer optimised for low frequencies
High frequency interferometry
Design of an interferometer optimised for high frequencies