

Lecture Week No. 3



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| Experimental Lectures | Thermal Noise Danzmann | Thermal Noise Danzmann | Quantized Fields Schnabel | Squeezing of light Schnabel | Optomechanics and QND Schnabel |
| Astrophysical Lectures | Universe evolution, observational evidences, GW detectors and their sensitivity Sesana/ Amaro Seoane | Galactic WD binaries. Formation of Massive BHs: hierarchical formation tree: galaxy mergers. Dynamical friction, "last parsec" problem Sesana/ Amaro Seoane | Star formation and evolution, including end point: WD, SNe -> NS, BH Babak | Pulsars (isolated and in binaries). Binary evolution: Roche lobe, accreting systems. NS, BH binary populations Babak | Presentations Experts |
| Project Work | Project work in groups Experts | Project work in groups Experts | Project work in groups Experts | Project work in groups Experts | Presentations Experts |