

# Neutron Star/Equation of State

1) Introduction – Neutron Star Formation, Basic Information, Structure (Emma)  
- Paper: 1\_NeutronStar\_Science.pdf

2) How to measure (Theory) – Shapiro delay, X-ray bursts, GW (Steffen, Cindy)  
- Paper: 2\_NeutronStar\_ShapiroDelay\_NatureResearch.pdf  
- Paper: 2\_NeutronStar\_EOS\_GW\_PhysRevD.pdf

3) EOS – What is it, Predictions (Thomas)  
- Paper: 3\_EOS\_arxivnucl-th0112006.pdf

4) Experiments and Outlook – LIGO/VIRGO, ... (Joana)  
- Paper: 4\_NeutronStar\_EOS\_LIGOVIRGO\_1805.11581.pdf