

ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΟΝΙΚΗΣ ΤΜΗΜΑ ΦΥΣΙΚΗΣ

ΣΕΜΙΝΑΡΙΟ

ΤΟΜΕΑΣ ΑΣΤΡΟΦΥΣΙΚΗΣ, ΑΣΤΡΟΝΟΜΙΑΣ ΚΑΙ
ΜΗΧΑΝΙΚΗΣ

Θέμα: **Constraining the equation of state of
neutron stars using multimessenger observations**

Ομιλητής: **Dr. Bhaskar Biswas**
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Ημερομηνία: **Πέμπτη 16-6-2022**

Τόπος: **Εργαστήριο Αστρονομίας, ΑΠΘ**

Ώρα: **13:00**

Περίληψη:

Neutron Stars are the densest objects known in our visible universe. They are observed in multiple electromagnetic bands and recently detected also in the gravitational waves as the binary neutron star merger event GW170817. These observations have led to increase in our understanding of the properties of their interiors, environments and evolution. In this lecture the speaker will talk about the current understanding of the neutron star equation of state combining all the available astrophysical observations.