

**ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΟΝΙΚΗΣ
ΤΜΗΜΑ ΦΥΣΙΚΗΣ**

ΣΕΜΙΝΑΡΙΟ

ΤΟΜΕΑΣ ΑΣΤΡΟΦΥΣΙΚΗΣ, ΑΣΤΡΟΝΟΜΙΑΣ ΚΑΙ
ΜΗΧΑΝΙΚΗΣ

Θέμα: **“Astrophysical Jets from 'Hairy' Black Holes”**

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Τόπος: **Εργαστήριο Αστρονομίας, ΑΠΘ**

Ώρα: **14:00**

Περίληψη:

Astrophysical jets are collimated plasma outflows observed in systems of all mass scales that far exceed the dimensions of their host. The current paradigm for the launching, acceleration, collimation, and radiation of relativistic jets involves the electromagnetic extraction of rotational energy from a spinning black hole and the accretion disk around it. We present recent theoretical and observational evidence that challenges the conventional black hole jet paradigm.