

Postdoctoral positions in theoretical and numerical high energy astrophysics

Applications are invited for postdoctoral positions at Tel Aviv University to work in Prof. Ehud Nakar's group, on theoretical and numerical high energy astrophysics. Main research topics are compact binary mergers, gamma-ray bursts, supernovae and the general theory of relativistic jets magneto-hydrodynamics, radiation mediated shocks, shock-breakout, blast waves, radiation transfer and collisionless shocks. Positions are open both for numerical experts and for theoretician.

Applicants should have a PhD in physics or astrophysics. The appointments are for initial periods of two years, with a possible extension for a third year. Starting dates are negotiable with a preference for beginning no later than Fall, 2018. The positions include funds for travel, publication fees, and computing, including a dedicated multi-core (700 cpu) computing facility.

Applicants should email a curriculum vita, a brief description of research interests, and arrange for three reference letters to be sent to Mrs. Daniella Gabrielovitch (daniella@astro.tau.ac.il).