

MIGHTEE Postdoctoral Position

The School of Astronomy at the Institute for Research in Fundamental Sciences (IPM) has an immediate opening for a Postdoctoral Researcher. IPM is a leading research institute in Iran. It hosts the Iranian National Observatory aimed at constructing world-class telescopes to foster astronomical research and training. Research at the School of Astronomy covers different topics from star formation and galaxy evolution to large-scale structure and theoretical cosmology.

The current position is to work on the MeerKAT International GHz Tiered Extra-galactic Exploration (MIGHTEE) project in the Dr. Fatemeh Tabatabaei's research group. The radio continuum emission provides the most ideal tracer of the energetic components of the interstellar and intergalactic medium (ISM/IGM). The aim is to dissect the thermal and nonthermal processes in the ISM/IGM over cosmic time and to study their role in the evolution of galaxies with MIGHTEE radio continuum surveys of the most well-studied extragalactic deep fields.

The successful applicant will possess a PhD in Astrophysics or a closely related discipline and will preferably have experience of working on multi-wavelength observational data and big surveys. Good English communication skills, a strong sense of team spirit, and interest in developing software applications are an asset. The appointment is for two years with the possibility of extension for another year, and could start as early as possible. There is also a possibility to work remotely mainly due to the COVID-19 condition.

Interested candidates should send their curriculum vitae, bibliography, a brief statement of research interests and arrange for two letters of reference. Applications received before May 30, 2021 will be given full consideration, but will continue to be accepted until the position is filled. Applications and reference letters are to be submitted by email to the following addresses:
astro@ipm.ir
ftaba@ipm.ir

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