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IIT Indore

Annexure A2

Dated: 17th June 2024

Advertisement for a Postdoctoral Position

Applications are invited from motivated and eligible candidates for a postdoctoral position in the research project “*From modular Hamiltonian to operator algebra within gauge-gravity dictionary*”.

The project will explore the entanglement structure in field theories and their connections with (quantum) gravity in the framework of gauge-gravity duality.

Eligibility: Ph.D. in Physics, especially in String Theory, AdS/CFT duality and related areas. Please note that you should have defended your Ph.D. dissertation.

Stipend: Postdoctoral Fellow will be paid consolidated salary based on the following salary structure of the DST for Research Associate (starting with RA-I).

Category	Emoluments per month
Research Associate-I	Rs. 58,000/-
Research Associate-II	Rs. 61,000/-
Research Associate-III	Rs. 67,000/-

The category will be decided/recommended by the selection committee based on the qualification/Experience/Performance in the interview of the candidate.

Service conditions:

(i) DA: Postdoctoral Fellow will not be entitled to DA.

(ii) House Rent Allowance (HRA): All Postdoctoral Fellow may be provided accommodation based on availability and those residing in accommodation provided by the institute will not be eligible for drawing HRA. Wherever

provision of hostel accommodation is not possible, HRA may be allowed to Postdoctoral Fellow as per Government norms applicable in the city/location where they are working. The fellowship amount may be taken as basic for calculating the HRA.

(iii) Medical Benefits: The Postdoctoral Fellow will be entitled for medical allowance as per institute policy.

(iv) The travel entitlement for Postdoctoral Fellow for participation in scientific events/workshops in India will continue to be as per institute norms.

Duration: The appointment is initially for one year. This is subjected to renewal for two more years upon satisfactory performance by the candidate and funding availabilities. We are looking forward to starting the project as early as possible.

Interested candidates are requested to submit a detailed CV and a research statement as a single pdf file to Debajyoti Sarkar via e-mail: dsarkar@iiti.ac.in by 7th July 2024. They should also arrange to send 2-3 letters of reference to the same email address mentioned above. The reference letters should contain the candidate's name on the subject line.

Only shortlisted candidates will be intimated by email for an interview. The interview will be conducted online. No TA/DA will be paid if the candidate wishes to appear in-person for the interview.