SISSA
Scuola Internazionale Superiore di Studi Avanzati

Call for a Research Fellowship on "Random supersymmetric SYK models and quantum black hole entropy" Physics Area, Prof. Francesco Benini.

The above mentioned selection is based on academic qualifications only.

- **Title of the project**: Random supersymmetric SYK models and quantum black hole entropy

- **Duration**: 6 months starting from April 2023

- **Amount of the fellowship**: € 1800,00 net per month.

- **Research activity**: The study of random chaotic models of bosons and fermions and their infrared properties, with the goal of extracting the quantum thermodynamics of black-hole event horizons, with and without supersymmetry

- **Requirements**:
  - MS in Physics, Mathematics or any allied field.

- **Funded by**: ERC Consolidator NP-QFT 864583, R_H2020_CoG_ERC_FISI_Benini_0619, CUP G94I19001480006

Applications and all the required documents must be sent by 6th March 2023, 01:00 p.m. through the online procedure available at the following link: https://pica.cineca.it/sissa/borsa-ricerca-b-benini-syk/

For further information, please contact phd@sissa.it

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