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by Alexandra Radics

REF. N. 14_18

Job Description:

Job title: 1 PhD position in PHYSICS

Name of Organisation: Institute for Theoretical Physics - University of Amsterdam (UvA)

Country: Netherlands

City: Amsterdam

Main research fields: Physics

Sub research fields: Theoretical Physics

Application deadline: 01/06/2018 22:00 – UTC

Required Education:

Level: Master degree

Fields: Physics

Language skills:

Required languages: English

Level: Good

Application details:

Topic: Condensed Matter Theory

Job description: This PhD position is part of the TENSORSIM ERC project which focuses on the application and further development of tensor network algorithms for the accurate study of 2D and 3D strongly correlated quantum many-body systems, including frustrated spin systems and interacting electron systems. Exceptional candidates with a strong background and interest in quantum many-body systems and computational methods are particularly encouraged to apply. The candidate may assist in teaching of undergraduates.

Duration of job: 18 months and after satisfactory evaluation it can be extended for a total duration of 4 years

Status: Full-time

Salary: € 2.222 - € 2.840 gross/month

Benefits: Attendance of courses and (international) meetings

Additional requirements: Solid skills in programming, numerical analysis, and condensed matter physics are expected.