Postdoctoral position  
Theory of Quantum Liquid Crystals

In the quantum matter group at Leiden University a three year post doc position is available for theoretical research in the quantum field theoretical description of quantum liquid crystals. This is an exciting interdisciplinary research resting on field theoretical dualities and relationships with gravity aiming at a universal description of the collective physics in superconducting nematic and smectic states. This should lead in turn to predictions of direct relevance to experiments in non-conventional, strongly correlated superconductors as found in copper-oxides and iron pnictides.

Postdoctoral position (3 years appointment)

Requirements
The candidate should have a thorough knowledge of the field theory of condensed matter systems and an appetite to be in close contact with the experimental world. He/she should have obtained their PhD after january 2009 or expect it to obtain it by september 2013.

For more information
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internet: http://www.lorentz.leidenuniv.nl/zaanen/wordpress/

Appointment:
The full-time appointment will be on a temporary basis for a maximum period of three years by the dutch foundation for fundamental research (FOM). The salary will be in accordance with FOM regulations up to a maximum of 3.804 euro gross per month depending on experience.

Job application
Candidates should sent a cover letter, a research statement, a curriculum vitae including publications, and three letters of recommendations to geurds@lorentz.leidenuniv.nl. The deadline for applications is february 28, 2013.