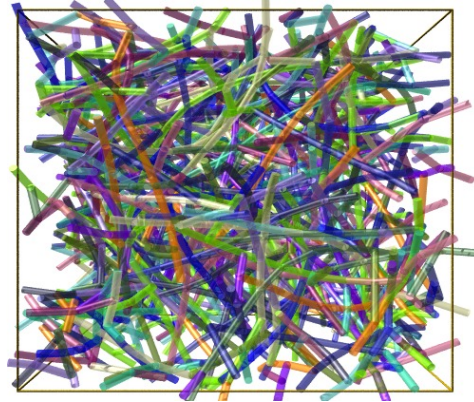


The Institute of Theoretical Physics at the Georg-August-University of Göttingen (Germany) is inviting applications for a:

post-doctoral research position (full-time) "computational biophysics"



The successful applicant is to conduct computer simulations of crosslinked biopolymer networks by means of Monte Carlo methods. In particular, the mechanical/elastic properties of such networks are to be modeled, and how these are affected by external influences (such as aligning fields, embedded nanoparticles, or shear deformations). The simulations are closely linked to the research network "Collective Behavior in Soft and Biological Matter" (SFB-937) of the University of Göttingen, and collaborations with other members in the network are strongly encouraged.

Applicants must hold a Ph.D. in Computational/Theoretical Physics and have a strong background in the application of computer simulation methods to biological and/or soft-matter systems. The successful candidate must be able to develop her/his own simulation programs (preferably in the C/C++ language) and be fully at home in a Linux/Unix computing environment.

The position will start as soon as possible for a duration of **1+1** years. The salary is in accordance with the German state regulated public service salary (scale: E13 TV-L). International applications are welcome. The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for female scientists and Scholars. Qualified women are therefore strongly encouraged to apply as they are underrepresented in this field. Disabled persons with equivalent aptitude for the position will be favored.

Please submit your application to our on-line application portal at:

www.theorie.physik.uni-goettingen.de/~vink/postdoc.html

The closing date for applications is: **31 January 2012**.

For further inquiries please contact **Dr. Richard Vink**:

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