



Research Group

“Complex Systems with Frustration”

Applications are invited for suitable candidates to join the Research Group “Complex Systems with Frustration” which is part of the Applied Mathematics Research Centre and the Department of Mathematics and Physics at Coventry University. In particular, we have openings for

PhD studentships (fully funded, 36 months)

to start **September, 2016** or at a later time on mutual agreement. New members join a group performing research in the statistical mechanics of spin glasses, random-field systems and random network models with a focus on cutting-edge numerical optimization and simulation techniques. Additionally, projects relating to the application of quantitative methods inspired by statistical physics to problems in the social sciences, economics and the arts and humanities are possible.

The group is located at the Applied Mathematics Research Centre at Coventry University. With eight faculty members it forms one of the largest centers in statistical physics in the UK. Students are embedded in a International Doctoral College for Statistical Physics of Complex Systems, a partnership between the universities of Lorraine (France), Leipzig (Germany) and Lviv (Ukraine).

Qualifications

Applications are welcome from graduates holding an MSc degree in physics or a closely related discipline or from those having completed a 4-year MPhys/MMath degree. In exceptional cases, holders of BSc degrees can also be enrolled. Some experience with simulation methods in statistical mechanics would be an asset. Please note that this studentship is only available to UK or EU students.

Application procedure

Informal enquiries should be directed to Martin Weigel using the coordinates given below. The formal application procedures for studentships at Coventry University are outlined here:

<http://www.coventry.ac.uk/research/research-students/how-to-apply/>



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<http://www.martin-weigel.org/>