Geophysical Research Abstracts, Vol. 7, 01537, 2005

SRef-ID: 1607-7962/gra/EGU05-A-01537 © European Geosciences Union 2005



climateprediction.net: teaching climate prediction

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The distributed computing project, climate prediction net, is a unique opportunity to involve students at all levels in a cutting edge scientific experiment. Participants are invited to run a state-of-the-art climate model on their home, school or work computers to help predict 21^{st} century climate.

Together with the Nuffield Foundation Curriculum Centre, materials based on the project have been developed to be used as a resource in science, maths and geography teaching for schools. The Open University has also developed a course for more advanced students. Based on the concepts of modelling and prediction, these materials are an ideal opportunity to embed ICT use in teaching.