



Seminar, 19 November 2009

**New Forms of Data Publication  
in Climate Simulation,  
Presented by Prof Andreas Hense**

10-11am, Room 135,  
Bldg 26 - Clayton campus

A background graphic consisting of a grid of blue lines forming a diamond pattern. At each intersection of the grid, there is a small, semi-transparent globe showing a map of the world. The globes are arranged in a perspective that recedes into the distance.

**Abstract:**

At Bonn-Rhein-Sieg-University Business Information Systems-Lab there are two areas of research activity in the field of eResearch. On the one hand, we are developing several front-end systems on top of a digital object repository, namely Fedora:

- . a Wiki with citable content
- . a photo-sharing platform with a mobile client
- . a sound-sharing platform with a mobile client

On the other hand, we have started a project about the publication of environmental data, from climate simulations meteorology in April 2009.

In this seminar we present our Wiki-solution for researchers that enables collaborative creation of citable documents. This can be seen as a new form of creating and publishing research papers. We will then move on to discuss data publication. We will show the current status of our data publication project. We are currently in the phase of analysing user requirements, evaluating workflow-technologies for implementation, and building our first prototypes.