

Preparation for Day 3 of “Introduction to Social Simulation” Course

Think about how you might use simulation in your research:

The main aim of the whole course is to give new researchers an ‘entry point’ to using simulation techniques in their research. There are several sessions which are fairly “free form” in which you have a chance to develop this direction, getting advice and feedback from the tutors. If you *do intend* to use simulation approaches in your research it would help you to consider the broad questions raised at the end of the second day of the course, so that you can make the best possible use of the open afternoon session.

These issues and questions are listed on the slides at the end of the second day:
<http://cfpm.org/ISS/slides/ISS - what next.ppt>

Look at the following paper:

Guillaume Deffuant, Frédéric Amblard, Gérard Weisbuch and Thierry Faure (2002) How can extremism prevail? A study based on the relative agreement interaction model. *Journal of Artificial Societies and Social Simulation* 5(4):1.
<http://jasss.soc.surrey.ac.uk/5/4/1.html>

Don’t worry about the technical maths but at least read the introduction and conclusions, look at the graphs and think about its purpose and what the model and the paper achieves in academic terms. It will be the case studies discussed during the: “*Discussion on Abstract Simulation Case Study*”.

Other

The following paper deals in much greater detail with the topic of the talk on “Checking and understanding Simulation Behaviour”.

Galán, José Manuel, Izquierdo, Luis R., Izquierdo, Segismundo S., Santos, José Ignacio, del Olmo, Ricardo, López-Paredes, Adolfo and Edmonds, Bruce (2009). 'Errors and Artefacts in Agent-Based Modelling'. *Journal of Artificial Societies and Social Simulation* 12(1)1 <http://jasss.soc.surrey.ac.uk/12/1/1.html>