

Call for Papers

Central European Journal of Operations Research (CEJOR)

Special Issue on
„Agent-based Simulation of Diffusion Processes“



Submission deadline: June 30, 2010

Publication of special issue scheduled for mid of 2011

Scope

For decades, diffusion processes have received considerable attention by both scientists and practitioners. More recently, agent-based simulations come into play because they allow the explicit modeling of interactions between heterogeneous agents and, thus, to overcome simplifying assumptions of existing analytical models. This special issue aims at presenting current developments and challenges in agent-based modeling of various diffusion processes from several contributing fields (e.g., management science, economics, sociology, psychology, computer science).

Areas of interest comprise, but are not limited to, *applications*, e.g., in

- diffusion/adoption of innovations
- knowledge diffusion
- epidemic modeling

as well as *technical/methodological aspects* such as

- modeling agent behavior (e.g., communication processes, learning)
- designing proper social networks
- implementation issues

and/or more *general questions* regarding, e.g.,

- means for parameterization of agent-based simulations
- validation of these simulations.

Submission

Manuscripts should be submitted online at <https://www.editorialmanager.com/cjor>.

Please select "**SI: Agent-based Sim. of Diffusion Proc.**" as "**Article Type**" in order to have your manuscript considered for inclusion in this special issue.