C. Kim, Y.-J. Son, T. Kim, K. Kim, A virtual enterprise design method based on business process simulation.

For a broker based Virtual Enterprise (VE) the authors propose a simulation-based method to evaluate and select proper candidate enterprises from a repository. Based on the VE business process requirements the selected enterprises submit their offers that will be evaluated through global performance simulation of the adapted VE business process resulting in detailed requirements for the candidate enterprises. In iterative simulation/requirement refinement procedure the final VE is established. The VE design process is supported by using OMG's Model Driven Architecture and employing web technology. The proposed method is illustrated by an exemplary VE.