

## The Research on Intelligentized Distributed Cooperative Virtual Environment

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### ABSTRACT

The paper firstly introduces the developing state of the distributed cooperative virtual environment and the problems in the research about it. Secondly, it analyses the necessity and feasibility of integrating the Agent technology into the DCVE system .In the end, the paper studies the key aspects about the Intelligentized Distributed Cooperative Virtual Environment ,including the system's structure , the structure of the cooperative relation-oriented Agent, the communication frame of the Agents, cooperation and negotiation mechanism, the cooperative awareness mechanism and etc.

**Key words:** the distributed cooperative virtual environment;  
the distributed virtual reality ; CSCW; Agent