# Study on Multi-Agent Based Environment for Long-Distance Collaborative Learning on Internet

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## ABSTRACT

In the last few years, web-based collaborative learning is a very important area in study of long-distance learning, the problem of individuation and intelligentized learning is still the key problem of the current long-distance collaborative learning system. The paper import Agent technology of artificial intelligence in study of  process for long-distance collaborative learning, and the paper study on multi-Agent based environment of collaborative learning on Internet. In the process collaborative learning, collaborative learning is achieved either between the student and the tutor (expert) or inside a group of learners interacting with the tutor. The system comprises an artificial tutor that tries to partially replace the human one during the students' interactions with the system. The architecture of the system is a multi-Agent one, human and artificial Agents collaborating together to achieve the learning task.

**Key words:** Long-Distance Learning, Virtual Reality, CSCL, Web CL, MAS