

Establishment of Knowledge Science
Study of theories of knowledge creation, and development of tools to support knowledge creation and integration

Definition and Growth of Knowledge Science

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Activities

Accepting the intellectual challenge to seek answers to the significant questions of knowledge science: What is knowledge? How is knowledge created?

The School of Knowledge Science is the world's first educational research institute established with *Knowledge* as its theme.

The importance of the creation, accumulation and utilization of the *Knowledge* that exists in individuals, organizations, society and nature, has been recognized. Now we face the challenge of identifying the systematic mechanisms of Knowledge creation, in order to determine the future directions of today's Knowledge Society.

In this context, the School of Knowledge Science emphasizes the study of knowledge formation and communication processes in organizations from a socio-scientific perspective, and investigates decision-making in groups from the viewpoint of cognitive science, to establish information systems that support the creation of knowledge, including "group ware". In order to clarify the essentials of knowledge through the study of complex systems and genetic information, we consider various social issues from the new viewpoint of Knowledge Science, beyond the limits of existing fields of study.

In this project, we accept the intellectual challenge of seeking out the answers to significant questions of *knowledge science*, as keys to the opening of the future: What is knowledge? How is knowledge created? Furthermore, we identify the image and tasks of a *knowledge society* in order to determine the social definition of *knowledge science*, and investigate ways to contribute to the successful completion of such tasks.

Our approaches to Knowledge Science are scheduled for publication in one of a series of books on "Knowledge Science" (right), and will also be presented at an international conference(IJCKS2007 Nov.5-7) we are planning to host.



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