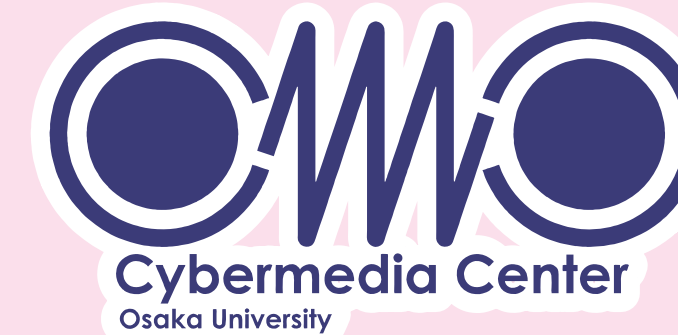# About Us : Cybermedia Center, Osaka University

Cybermedia Center, Osaka University, Japan

As a resource provider of knowledge and technology derived from advanced researches conducted in Osaka University, the Cybermedia Center (CMC) offers support in the areas of large-scale computation, information communication, multimedia content and education. The center also works closely with educational and research organizations within Osaka University, as well as with industries and institutes outside the University. By sharing its resources and encouraging local communities to use its facilities for public lectures and other events, CMC has helped to create a more internationally-oriented IT society for the region.

Research Divisions

Informedia Education Division develops an advanced environment for information processing education; offers educational programs on information processing and information ethics; and also conducts educational research, including faculty development programs for teaching staffs in information processing.

Multimedia Language Education Division develops an environment for language education using multimedia and provides assistance in the development of multimedia-based language education materials, such as for internationalized education using networks and foreign language programs as common subjects in Osaka University.

Large-Scale Computational Science Division supports the operation of CMC's supercomputer system, disseminates technology for visualization of computational results, and facilitates advanced utilization technology for large-scale computing systems. This division also offers educational programs and studies on computing science and related subjects.

Computer Assisted Science Division supports the operation of general-purpose computer systems; hosts faculty development programs to improve efficient computer applications for setting up and solving scientific problems; also offers educational programs and conducts research on subjects related to learning processes for setting up and solving scientific problems.

Cybercommunity Division supports the planning and operation of SCS-based distance learning, plans and operates distance training in the field of advanced technology, and studies the operation and promotion of cybercommunity plans.

Advanced Network Environment Division supports the operation and utilization of ODINS (Osaka Daigaku Information Network System) to introduce new network technologies such as high-speed networks and mobile computing environments, to facilitate the utilization technologies of large-scale wide-area computer networks, and to carry out research on network-related education.

Applied Information Systems Division develops and provides education on utilization technology for large-scale information systems; digitalizes libraries; supports the management of various databases; implements education on information systems and multimedia systems; and undertakes education on information explorer.

Vector supercomputer

PC cluster

Kyoto

K computer
(in Kobe)

Tokyo

OSAKA

Location