

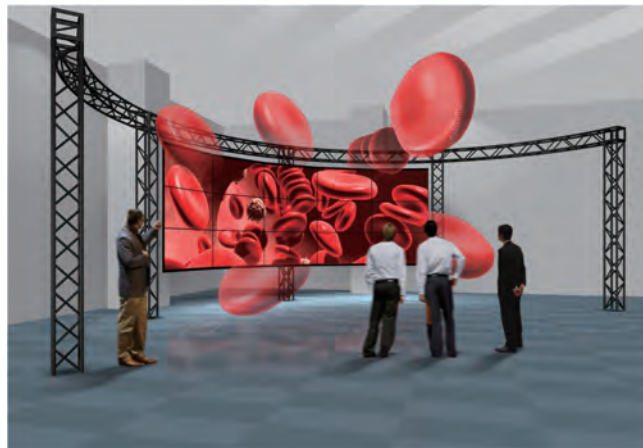
High Resolution Stereo Visualization Systems

Cybermedia Center at Osaka University will introduce two types of high-resolution stereo visualization systems in 1Q/2014, one on Toyonaka campus and the other at Umekita office near JR Osaka station. These systems will be used for scientific visualization, information visualization, visual analytics, and other research activities as well as showcasing, exhibitions and other outreach activities to general public with large-scale scientific data processed by high performance computing. A variety of visualization and virtual reality software packages will also be available including AVS Express/MPE VR, IDL, Gsharp, CAVELib, EasyVR MH Fusion VR and VR4Max.



24-screen Flat Stereo Visualization System @ Toyonaka Campus

- * Full HD (1920x1080) 50-inch Stereo Projection Module x 24 (approx. 50 million pixels)
- * Image Processing PC with NVIDIA K5000 x 7
- * HD Video Conferencing System x 1
- * Motion Capturing System x 1



15-screen Cylindrical Stereo Visualization System @ Umekita Office

- * WXGA (1366x768) 46-inch LCD x 15 (approx. 16 million pixels)
- * Image Processing PC with NVIDIA K5000 x 5
- * HD Video Conferencing System x 1
- * Motion Capturing System x 1

Visualization Services at Cybermedia Center

Following visualization services will become available in 1Q/2014 through HPCI (High-Performance Computing Infrastructure (<https://www.hpci-office.jp/folders/english>) and JHPCN (Joint Usage/Research Center for Interdisciplinary Large-scale Information Infrastructures (<http://jhpcn-kyoten.itc.u-tokyo.ac.jp/en/>)).

- 1) **Training sessions, seminars, and workshops:**
Opportunities will be given to users to learn how to take advantage of our visualization systems. Also, opportunities to learn and share the cutting-edge visualization technologies and techniques will be offered.
- 2) **Consultation:** Technical consultations will be offered through which users can learn best suitable visualization techniques for their problems from a diversity of solutions which will dramatically reduce time and effort required to produce satisfactory visualization results.
- 3) **Umekita Office space:** Umekita Office of Cybermedia Center near JR Osaka station is provided for a variety of research and outreach activities such as discussions, seminars and workshops on HPC and visualization. Reservation can be made through a web system.

