

The Collaboratorium: A room for presentation, visualization and collaboration

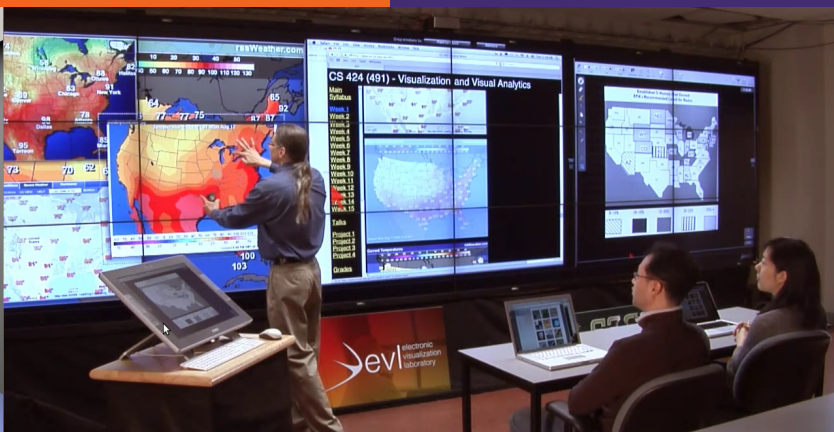


netherlands Science center

SARA and Netherlands eScience Center:

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Inviting and informal room

The room will be equipped with a multi-user conference table, supported by connections for network, video, sound and power supply for laptops. Additional seats will be available at the back of the room.

High resolution display wall

The video wall is an important element of the room. It consists of 4x2 Full HD thin-bezel screens with a combined resolution of 7,680 x 2,160 pixels (16.6 Megapixel). The thin bezels between the screens will result in minimal visual distortion of the images. The set-up enables flexible switching of stream sources (laptop-screen, video conferencing etc.) to the video wall.

Multi-touch support

The entire surface of the video wall has a multi-touch overlay to enable direct interaction with images and applications on screen.

Video conferencing

A video conferencing unit with 2 cameras will be installed. The first camera is positioned to overview the conference participants, the second camera overviews the video wall and presenter.

3D stereo

In addition to the video wall it will be possible to show 3D stereo images on a separate projection screen. This screen will overlay 4 of the video-wall screens leaving the other 4 fully functional.

Easy-to-use and flexible control

The entire facility will be controlled by touch-panel to simplify user interaction. Pre-defined set-ups are available with keyboard shortcuts.

SARA and the Netherlands eScience Center will soon install a Collaboratorium in the ICT Synergy Hub in Amsterdam.

The purpose of the facility is to support presentations, video conferencing, discussions between multi-disciplinary teams and advanced high-resolution scientific data-visualization.

The room will have a professional appearance and will stimulate collaborations and discussions in an informal environment.

The facility will employ easy-to-use technology for daily tasks but will also support advanced scientific visualization. A broad spectrum of presentation tools will be supported including Powerpoint, 3D stereo and high resolution interactive applications.

The Collaboratorium is expected to open Q1 2012.

<http://www.sara.nl/services/visualization>
<http://www.esciencecenter.com>