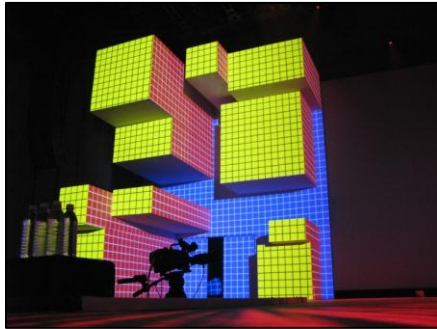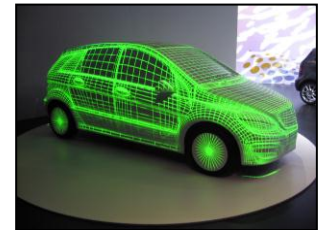# Opening Pandoras Box Expands Opportunities For Studies In Presentation Media At Ryerson

From: Office of Program Director, Operations and Technology, Rogers Communications Centre

December 1, 2010 – A technology with the auspicious name of Pandoras Box is opening up new opportunities for Ryerson students to study presentation media and develop interactive installations. The Rogers Communications Centre in conjunction with the School of Radio and Television Arts and the Ryerson Theatre School is in the process of developing Presentation Media curriculum that employs Coolux Pandoras Box Technology. Pandoras Box real-time compositing media servers allow lighting and stage designers to create the visual spectacle that characterizes many of today's live performances.

Pandoras Box is an interactive 3-D compositing and rendering system that provides real-time on-location media control that is customizable to the needs of each user and project. The system, can feature a 4K workspace in dual channels of 2K HD/SD outputs for on-air and pre- and post-production, allowing users to arrange video and images freely; change the color, form, and position of images; synchronize 3-D sound; or animate 3-D objects. Animations can be triggered by interactive sensors.

Beyond its ability to shape projected images and LED lights around 3D objects and seamlessly align dozens of projectors, Pandoras Box also allows designers to stencil stages, sets, buildings, costumes and installations so light and images project precisely on the desired location providing an almost endless palette of options for artists and designers from many fields.

More information on the Rogers Communications Centre, the shared FCAD facilities it operates and the specifics of the labs that encompass the Cluster can be found at http://www.rcc.ryerson.ca/technology/index.htm