

ResearchChannel combines cool technology with hot Seattle bands for amazing interactive demo at SC07

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ResearchChannel, an educational media distribution hub based in Seattle, is using cutting-edge technology to showcase hot Seattle bands and exciting speakers through live interactive concerts at SC07, the international supercomputing conference next month in Reno, NV.

It's a fascinating demonstration of uncompressed high-definition video streaming over high-capacity, fiber-based networks presented in sensational display quality to exhibit revolutionary collaborative technologies.

ResearchChannel will broadcast live performances by local bands Math and Physics Club, The Purrs, The Cops and Siberian from the studios of Seattle radio station KEXP-FM to our SC07 booth in Reno. We'll use iHDTV, capable of streaming uncompressed 1080i high-definition video, integrated into OptIPortal display technology for an amazing 16-megapixel output across a matrix of eight 46-inch 1080p LCD monitors.

Advanced high-capacity transport facilities at the Pacific Wave international peering exchange and Pacific Northwest Gigapop connect our collaborators and provide the highest-speed networking to maximize performance.

SC07 participants will have the opportunity to interact with the bands as

well as compelling speakers from the science and research community who will host live presentations from Seattle and other locations that will also be broadcast to the audience in Reno.

This innovative and dynamic display of technology demonstrates the ultimate collaborative environment to explore science, research and the arts with real-time communication abilities. We'll examine the possibilities through live, interactive HD broadcasts every day.

Although only the participants on either end of our OptIPortal will be able to interact with each other, everyone can watch the bands and speakers live through the ResearchChannel Web site (www.researchchannel.org). Performances by The Purrs, The Cops and Math and Physics Club will also air live via KEXP's site (www.kexp.org) and KEXP radio at 90.3 FM. (Only Siberian's set will be postponed, airing on KEXP's airwaves and Web site at noon on Monday, Nov. 19, though it will be webstreamed live on the ResearchChannel Web site.)

Source: University of Washington

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