The California Nanosystems Institute (CNSI) at the University of Santa Barbara was completed in February 2007, culminating 5 years of research, design and construction. MCH provided full-scope acoustical design services. It is a dual-site institute providing 62,000sf of interdisciplinary research laboratories for sophisticated imaging, spectroscopy, and nanofabrication, digital media research laboratories, and conference and multipurpose facilities. Labs include the Plurilab: Plurisonic/Pluriscopic, Immersion/Eversion Lab, the Robotics and Distributed Systems labs, the Interactive Installation Lab and the Visual Computing Lab. The hemianechoic Allosphere is a 3-story high spherical space in which fully immersive, interactive, stereoscopic/pluriphonic virtual environment can be experienced. It enables works in which art and science contribute equally and serve as an advanced research instrument in two overlapping senses. It is an ideal instrument for innovative research in field such as distributed computing, netwotking or system modeling. The Allosphere also serves the needs of the nanosystems scientists, enabling them to better envision, three-dimensionally, the spatial relationships among the nanostructures they develop.

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