

# UCLA Brings Televic Conference Technology to New Learning Center Auditorium

## Televic Installation

When UCLA's Samueli School of Engineering initiated a project to bring a new Learning Center to the campus, they had several goals in mind. First, it needed to incorporate all of the latest technologies for audio, video and distance learning to ensure an engaging, collaborative learning environment for students. Second, it needed to have the flexibility to be used often and for other purposes. Besides providing both an intimate and large room environment for distant learning and collaboration, which itself is unique, the Learning Center also needed to be able to be used to host alumni events, facility meetings, movie presentations, distinguished speaker talks, expert panel discussions and as a lecture hall. Third, it needed to support a high level of audience engagement with participants both in the room and attending via video conference. Finally, along with both the technical and multi-use capabilities of the room, it needed to look interesting in order to perfectly communicate the forward-thinking stance of the School.

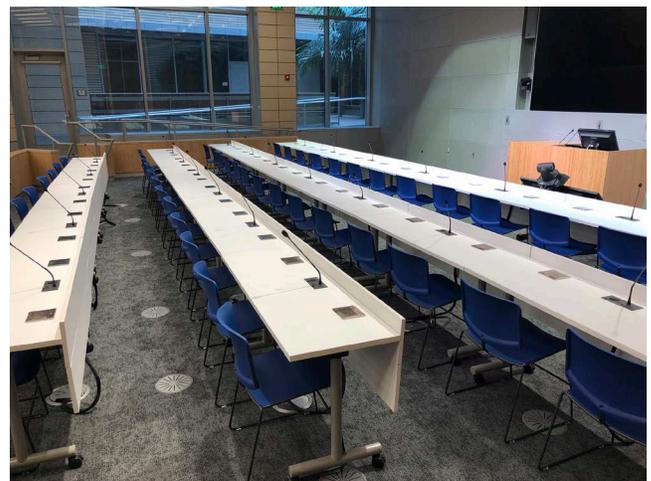
With these goals in mind, UCLA teamed with architect Moore Rubel Yudell, acoustical/AV consultant The Sextant Group, and Clark Construction for overall building design and construction, and engaged system integrator Integrated Media Systems (IMS) to implement the innovative and flexible audiovisual environment that they envisioned. IMS is an industry leader in the design, build, and support of audiovisual, broadcast and collaboration environments. "The significance of this new building to the Engineering School and the University, and the premier teaching environment that was created through the application of our technology, was exciting to our team," said Brad Caldwell, IMS's CEO. "This project was a perfect fit for IMS's engineering, logistics and project management skills and attention to detail in the deployment, integration and commissioning of advanced audio, video, display, lighting, assisted listening, broadcast, conferencing and queue management systems."

The Dr. William M. W. Mong Learning Center in the UCLA Samueli School of Engineering's newest building, Engineering VI, was part of a larger project for IMS involving the deployment and commissioning of audiovisual solutions in 35 rooms. "UCLA wanted this facility to represent the Samueli School of Engineering both technically and visually," said Caldwell. "The outcome is physically stunning space that allows audience members that are both in the room and connected remotely to experience a much greater level of participation via the seamless integration of the room's audiovisual systems."

Once students or audience members are seated in the Learning Center, the technological capabilities become quickly apparent. The room incorporates a large video wall at the front, comprised of a 5x5 matrix of 55" screens, a document camera, six video cameras, and multiple ceiling speakers, including some that are retractable. Less apparent, but just as important, are the conference management, annotation, video conferencing, assisted listening and enhanced media capture systems. The latter is for live streaming or playback for online viewing.

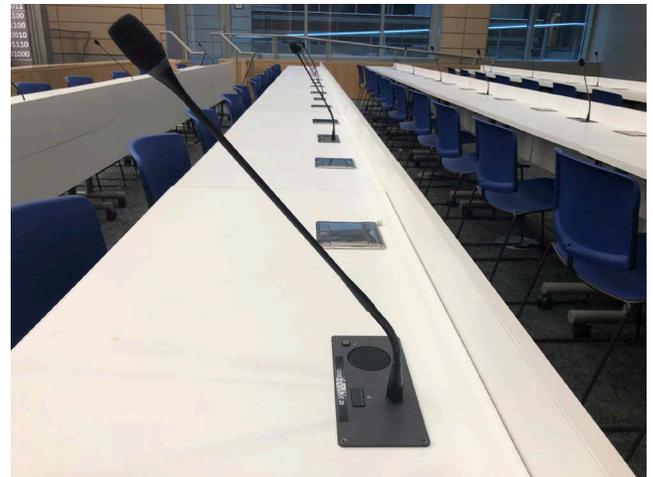
### Televic Conference Products

- 25 F-DD flush-mount stations with 16 in. microphones
- 1 F-CD flush-mount stations with 16 in. microphones
- 1 Plixus AE Audio Engine for audio processing
- 1 Plixus Network Extender



*The Dr. William M. W. Mong Learning Center at UCLA's Samueli School of Engineering uses Televic Conference technology to improve student engagement.*

At the front of the room are 25 removable tables, each outfitted with a microphone conferencing system from Televic Conference. Gooseneck microphones provide clear, clean pickup of voices and allow users to have papers and other items on the tables without interfering with the microphones. The conference system includes request-to-speak functionality and allows the moderator to set up a queue for speakers; LED rings on the microphones illuminate to indicate who is speaking, who is next in queue, and who is waiting to speak. The Televic system is integrated through a Crestron control system enabling the room's six cameras to operate automatically based on the request-to-speak information in the Televic system. As the professor/moderator selects the next-in-queue speaker, their microphone automatically turns on and the closest camera will automatically zoom in on that individual. If an active camera is already in use, the system defaults to a backup camera so there is no on-screen camera movement.



*Televic Conference flush mount stations with 16 in. microphones foster student interaction with excellent audio quality.*

Another 250 seats are available in the sloped audience area of the Learning Center; all of which include LED-illuminated buttons that may be pressed to indicate a request to speak. Motorized ceiling microphones are lowered over the audience to handle questions, and retracted when not needed. Audio and control for the microphones is incorporated into the Televic Conference management system for easy management of audience questions.

A moveable lectern in the front of the room acts as a workstation for the professor or moderator and a touch panel on the lectern can fully control all of the room's audiovisual systems. The lower section of the room, where the tables reside, can be enclosed with a curtain to create a more intimate environment for smaller groups such as faculty meetings or videoconferences.



*The learning center includes 250 additional seats for audience participation.*

"UCLA's Samueli School of Engineering is well known as the birth-place of the internet and for its leadership in new frontiers in applied science and engineering research, including the fields of bioengineering and nanomanufacturing," said Caldwell. "The communication and collaboration systems that were installed throughout this new building will play an integral role in supporting and enhancing the School's innovative learning environment, while paying homage to those people who helped create the technology that made it possible."

## About Televic Conference and Aveo Systems

Televic Conference manufactures the most innovative systems for any style of meeting. Its complete range of conference solutions simplify decision-making by improving the meeting experience. With crystal-clear sound, pristine video, and a clear focus, meetings become more efficient. Televic's products are manufactured in Belgium to the highest quality and designed to last for many years. Televic's products are found in thousands of local government chambers in the U.S., conference rooms, meeting spaces, and other collaboration rooms around the world. From the largest international institutions to local parliaments and city councils to boardrooms, lecture halls, and meeting spaces: Televic Conference drives successful meetings, worldwide.

Aveo Systems distributes Televic Conference products in the U.S. and is a leading provider of intuitive and easy-to-use solutions for audio, video, and collaboration with its [Mira Connect](#) control appliance, improving and simplifying how systems are used and managed by customers worldwide.