

Again and Again

Some years ago, an advertisement similar to this one announced installation of the world's first GOTO CHRONOS HYBRID planetarium, at the College of San Mateo near San Francisco, California. It was a fantastic system that for the first time, brought the perfect synchronization of a state of the art opto-mechanical planetarium projector with a full-dome digital video system. Instructors Darryl Stanford, Mohsen Janatpour and astronomy technician Dean Drumheller loved working with the system to teach college astronomy courses and to inspire visiting school students.

Then the unthinkable happened. Only a few weeks after the planetarium's dedication, the fire suppression sprinkler system in the new building accidentally went off, flooding the entire planetarium with water! The CHRONOS HYBRID equipment was ruined. But Darryl, Mohsen, Dean had enjoyed working with the system so much that they immediately ordered another one.

Fast forward to today, when funding became available to add upgrades to many of the college's science facilities. Since the planetarium was so tremendously successful in not only educating but also inspiring current and future students, the decision was made to once again continue investment in the planetarium. And once again, the choice was GOTO.



So in January 2016, Darryl, Mohsen, and new astronomy technician Justin Stevick began using a brand new system. The new system includes a second generation CHRONOS II, which replaces earlier incandescent lamps with new high-output, high-efficiency LED illumination, and brings even more reliability. Dean says that the new CHRONOS II stars, sun, moon, and planets are so much brighter he actually has to dim them down a bit for some scenes. And Justin will never have to replace another burned-out lamp.

The full-dome video system was updated with new computers and software, and video projector resolution was improved from 2K to 4K. The full, synchronized system continues to be controlled by the HYBRID manual control console, which makes teaching live lessons easy, accurate, and fun.

So yet again, a new GOTO state-of-the-art planetarium is in place, and ready to go. And the College of San Mateo becomes the first planetarium in the world to have had three (3!) GOTO HYBRID systems installed!



"Planetarium Tech Justin Stevick and instructors Darryl Sanford and Mohsen Janatpour (l. to r.) beam almost as brightly as their CHRONOS II HYBRID."



"Before, with CHRONOS"

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"After with CHRONOS II"

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