

HOT-WIRING the TRANSIENT UNIVERSE 2



Santa Cruz, California • April 26-April 30, 2009

The VEvent Working Group of the International Virtual Observatory Alliance announces the workshop, Hot-wiring the Transient Universe 2. A strong interdisciplinary agenda will engage all aspects of technology, experimental design and information infrastructure for pursuing time domain science associated with astronomical transient events. A primary focus will include the announcement of transients and their rapid follow-up using robotic and human directed telescopes, as well as the acquisition and scientific curation of archival time series data. Published proceedings will capture a panoramic snapshot of the state of the art of real-time astronomy.

Astronomical transients occur at a scale from the local solar system to Galactic to cosmological. Transients arrive via electromagnetic radiation, gravitational waves, neutrinos and other particles. Discoveries are made via spacecraft and by ground-based surveys, through automatic pipelines and the Virtual Observatory, with robotic telescopes and by the human eye. Meeting the challenges of the time domain demands this new empirical framework for carrying out the art and science of astronomy.

Organizing Committee

Rob Seaman, National Optical Astronomy Observatory
Steve Allen, UCO/Lick Observatory
Alasdair Allan, University of Exeter
Scott Barthelmy, NASA Goddard Space Flight Center
Joshua Bloom, University of California, Berkeley
Robert Denny, DC3-Dreams
Matthew Graham, California Institute of Technology
Norman Gray, Universities of Leicester and Glasgow
Frederic Hessman, Georg-August-Universität Göttingen
Roy Williams, California Institute of Technology

Registration, hotels and information:
<http://www.cacr.caltech.edu/hotwired2>

