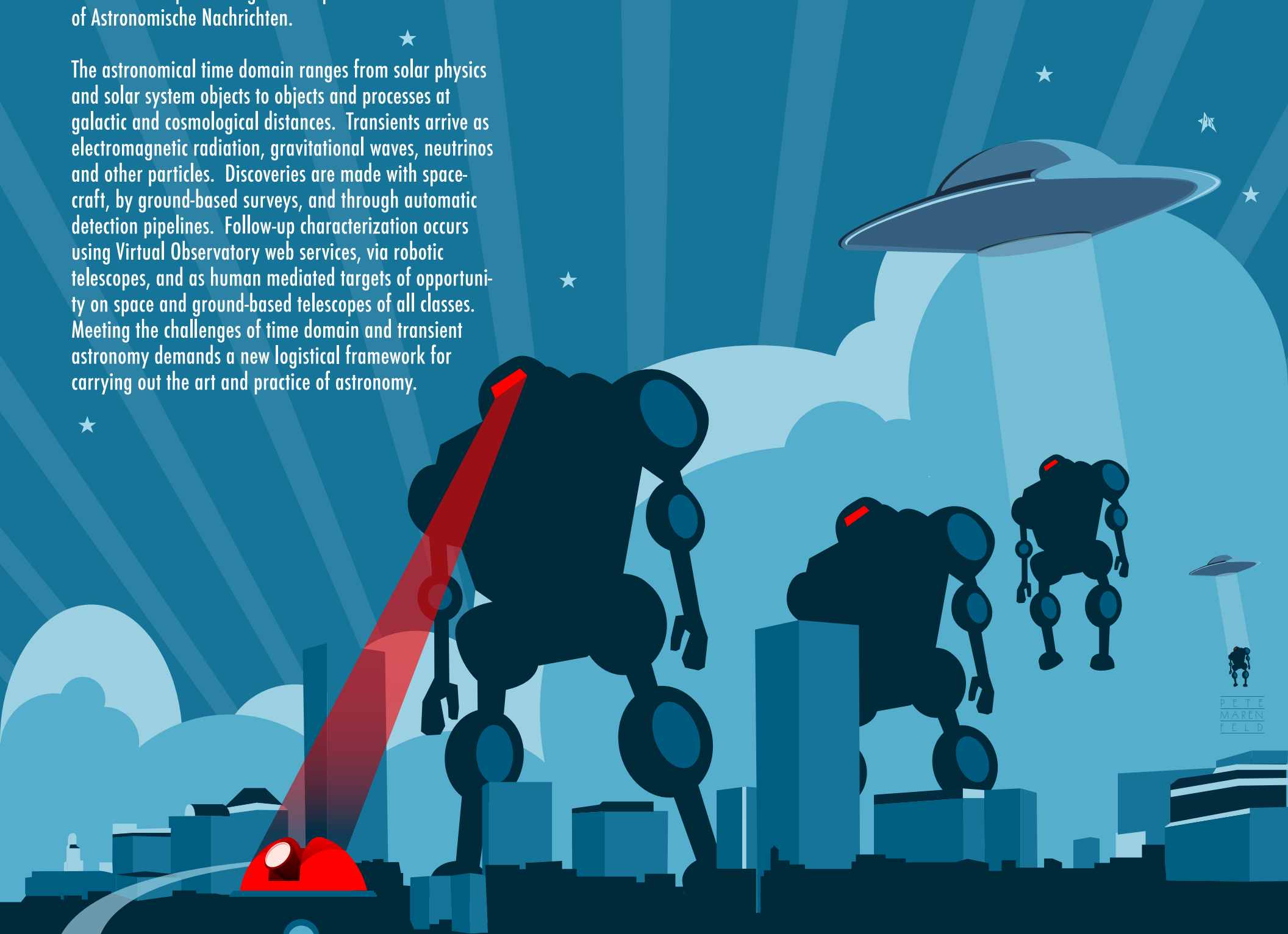
# HOT-WIRING the TRANSIENT UNIVERSE

## A Joint VOEvent & HTN Workshop

Tucson, Arizona
June 4 — June 7, 2007

The Heterogeneous Telescope Networks Consortium and the VOEvent Working Group of the International Virtual Observatory Alliance announce a joint workshop, the third of each series. A strong interdisciplinary agenda will cover technology, methods and experimental design for the detection and rapid follow-up observation of celestial transients, as well as data fusion to create knowledge about the underlying astrophysical phenomena. Refereed proceedings will be published as an issue of Astronomische Nachrichten.

The astronomical time domain ranges from solar physics and solar system objects to objects and processes at galactic and cosmological distances. Transients arrive as electromagnetic radiation, gravitational waves, neutrinos and other particles. Discoveries are made with spacecraft, by ground-based surveys, and through automatic detection pipelines. Follow-up characterization occurs using Virtual Observatory web services, via robotic telescopes, and as human mediated targets of opportunity on space and ground-based telescopes of all classes. Meeting the challenges of time domain and transient astronomy demands a new logistical framework for carrying out the art and practice of astronomy.




### Organizing Committee

Rob Seaman, National Optical Astronomy Observatory
Roy Williams, California Institute of Technology
Alasdair Allan, University of Exeter
Robyn Allsman, Large Synoptic Survey Telescope
Scott Barthelmy, NASA Goddard Space Flight Center
Joshua Bloom, University of California, Berkeley
Mike Fitzpatrick, National Optical Astronomy Observatory
Matthew Graham, California Institute of Technology
Frederic Hessman, Georg-August-Universität Göttingen
Iain Steele, Liverpool John Moores University
Phillip Warner, National Optical Astronomy Observatory
Robert White, Los Alamos National Laboratory

### Registration, hotels and information

http://www.cacr.caltech.edu/hotwired

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