

# VOEvent working group activities

*IVOA InterOp, Garching, 9 Nov 2009*

Matthew Graham  
presenting for  
Rob Seaman





# WG related meetings

- VOEvent session – 9 am, Thursday, 12 Nov
- dotAstronomy, Leiden – 30 Nov - 4 Dec 2009
- Eventful Universe, Tucson – 17-20 Mar 2010
- IVOA InterOp, Victoria – 17-21 May 2010
- SPIE 2010, Obs Ops III, San Diego – 27 Jun - 2 Jul 2010
- ADASS XX BoF, Boston – 7-11 Nov 2010
- Hotwired III, Tucson? – Spring 2011
- IAU symposium, Oxford – Fall 2011 or 2012 Beijing GA



# VOEvent v2.0

- Timed to Victoria InterOp (2010)
- SimpleTimeSeries within VOEvent schema
- STC Orbital Elements
- More general external references
- Datatypes for <Params>
- Benefit from vocabularies
- Tweaks and small enhancements
- Formalize schema while keeping simple



# Simple Event Access Protocol

- Allows querying of <Who/What/WhereWhen/How/Why>
- New syntax compliant with PQL
- Defines registry metadata required to register SEAP capability
- New WD -> PR soon?



# Growing infrastructure

- Primary focus since Hotwired II (April 2009)
  - New broker – <http://solo.dc3.com/DakotaBroker-1.1.0.tar.gz> (Denny)
  - Transport note – <http://www.ivoa.net/Documents/VOEventTransport> (Allan & Denny)
  - Book coming – <http://hotwireduniverse.org> (Seaman, Allan & Williams, eds.)
- LSST ¼ rate data challenge (Spring 2010)
- SkyAlert funding
- Extending backbone – adding **redundancy**
- Formalizing VOEventNet architecture – **robustness**



# VOEvent session this week

- Status from chair
- Matthew leads SEAP discussion
- Rick Hessman leads vocabulary discussion
- Thomas Boch about Aladin plugin for VOEvents
- Floor open to general VO time domain topics
- See Matthew to be added to the agenda
- The time domain is *hot* & getting *hotter*