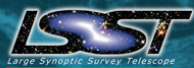


VOEvent II

VOEvent is the emerging International Virtual Observatory standard for distributing timely notifications of transient celestial events. The IVOA VOEvent working group is responsible for developing the specification and conforming systems, interoperable with each other and with prior community resources. The VOEvent II workshop has been sponsored by the NVO, NOAO and LSST.

```
<VOEvent role="Workshop">
  <Who> All interested parties </Who>
  <What> The Second VOEvent Workshop </What>
  <WhereWhen>
    Tucson, Arizona
    December 5-6, 2005
  </WhereWhen>
  <How> Face-to-face, or via Polycom video/voice conferencing </How>
  <Why importance="1.0" expires="2005-12-07T00:00:00Z">
    <Inference probability="1.0">
      <Name> VOEvent II </Name>
      <Concept>
        Sky transient events are of key importance to Astronomy
      </Concept>
    </Inference>
  </Why>
  <Citations>
    <EventID cite="followup">
      http://www.ivoa.net/twiki/bin/view/IVOA/VoeventWorkshop2
    </EventID>
  </Citations>
  <Description> RSVP to Rob Seaman, seaman@noao.edu </Description>
</VOEvent>
```



Novel view of the Solar eclipse of 11 July 1991 - a VOEvent where the location of the observer mattered

The 2nd VO Sky Transient Event Workshop

<Monday>

<Snack start="8:30 am MST" />

<Session topic="Where we are">

<Morning start="9:00 am MST">

Welcome & Introductions – *Roy Williams*

VOEvent v1.0 specification – *Rob Seaman*

eSTAR – *Alasdair Allan*

TALON/RAPTOR – *Robert White*

Demonstrations

</Morning>

<Break start="10:30 am MST" />

<Forenoon start="10:45 am MST">

GCN – *Scott Barthelmy*

ESSENCE, SuperMACHO & DES – *Chris Smith*

Discussion: Making virtual events real

</Forenoon>

</Session>

<Lunch start="12:00 noon MST" />

<Session topic="Where we're going">

<Afternoon start="1:00 pm MST">

Logistics (dinner, etc.)

UKIRT – *Frossie Economou* (**polycom**)

LBT – *Mark Wagner*

Space-Time Coordinates – *Arnold Rots*

</Afternoon>

<Break start="3:00 pm MST"> **Workshop Photograph** </Break>

<Evening start="3:15 pm MST">

Solar transient events – *Frank Hill*

Microlensing surveys & follow-up – *Kem Cook*

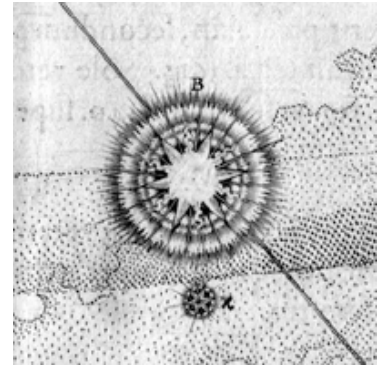
Discussion: Long term vision

</Evening>

</Session>

<Dinner site="Cuvee World Bistro" start="7:00 pm MST" />

</Monday>



Tycho's Stella Nova

<Tuesday>

<Snack start="8:30 am MST" />

<Session topic="How we'll get there">

<Morning start="9:00 am MST">

LSST – *Tim Axelrod*

HETE – *Nat Butler*

NEAT – *Ashish Mahabal*

Discussion: VOEvent & massive data flow

</Morning>

<Break start="10:30 am MST" />

<Forenoon start="10:45 am MST">

VOEventNet – *Matthew Graham*

Transporting & publishing VOEvents – *Andrew Drake*

HTN workshop – *Alasdair Allan*

Discussion: Emerging architecture

</Forenoon>

<Lunch start="12:00 noon MST" />

<Afternoon start="1:00 pm MST" stop="?">

CBAT/MPC – **Dan Green (polycom)**

Group discusses action items, some possible topics:

VOConcepts / UCDs – Rick's slides & Andrea's email

Ontologies & semantics – Norman Gray's email

IVO Identifiers versus XML IDs

XML Signatures

Messaging options: Mule, JMS, Jabber, Pubsub, Elvin, ...

VOEvent support for organizing observing campaigns

Data rich packets

What is SEAP ("Simple Event Access Protocol")?

Inventory of event classes

STC – 'nuff said

Future face-to-face meetings

</Afternoon>

</Session>

</Tuesday>



A VOEvent realized in porcelain

The real question is not whether machines think but whether men do. – *B. F. Skinner*

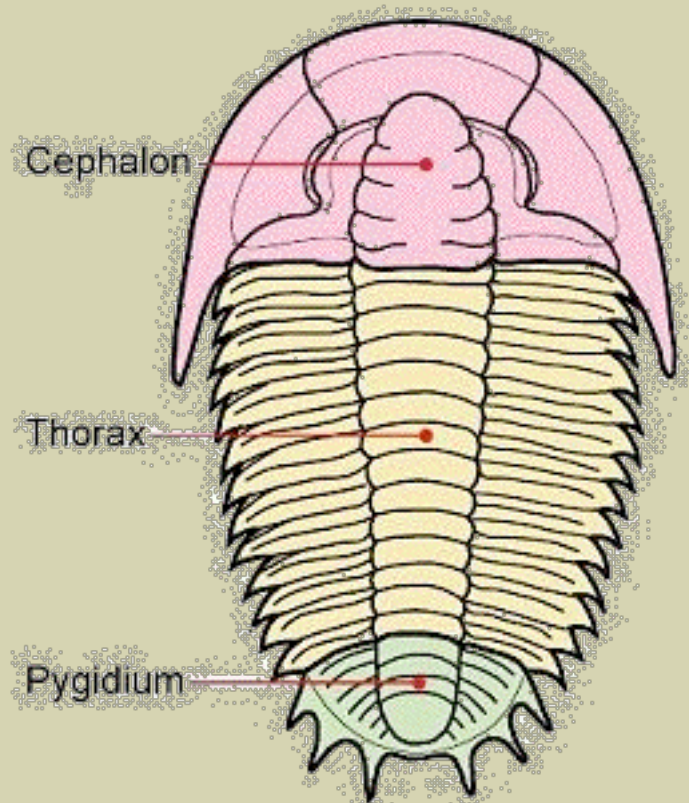
VOEvent II Participants

via polycom

Alasdair Allan, *Exeter*
Robyn Allsman, *LSST*
Tim Axelrod, *LSST*
Scott Barthelmy, *GSFC*
Nat Butler, *MIT*
Kem Cook, *LSST*
Dave De Young, *NOAO*
George Djorgovski, *Caltech*
Andrew Drake, *Caltech*
Jay Elias, *NOAO*
Steven Gibson, *Arecibo*
Matthew Graham, *Caltech*
Frank Hill, *NSO*
Jeff Kantor, *LSST*
Sonya Lowry, *NOAO*
Ashish Mahabal, *Caltech*
Maria Nieto-Santisteban, *JHU*
Arnold Rots, *SAO*
Rob Seaman, *NOAO*
Dick Shaw, *NOAO*
Chris Smith, *NOAO*
Igor Suarez-Sola, *NSO*
Tom Vestrand, *LANL*
Mark Wagner, *LBT*
Phil Warner, *NOAO*
Robert White, *LANL*
Roy Williams, *Caltech*
Ramon Williamson, *NCSA*
Przemek Wozniak, *LANL*

Steve Allen, *UCO / Lick* (MST - 1)
Frossie Economou, *JAC* (MST - 3)
Dan Green, *CBAT* (MST + 2)
Rick Hessman, *Göttingen* (MST + 1)
Charles Liu, *AMNH* (MST + 2)
Bob Rutledge, *ATEL* (MST + 2)

Chile is MST + 4 hours



Close encounter with a GRB?