

## Next Generation Sky Surveys : The Transient Sky

Final Agenda : All talks 20m + 10m Discussion

**Tuesday Jan 19th**

**Location : Main Physics Building**

10.00-11.00 Coffee and registration

**Session Chair : A. Fitzsimmons**

**Introduction and Welcome (T. Millar, Dean of Faculty and PPAN member)**

11.00-11.10 **The NGSS eSI Theme - overview (B. Mann, Edinburgh)**

11.10-11.30 **Overview, meeting goals and rationale (S. Smartt, Queen's)**

11.30-12.00 **Palomar Transient Factory (M. Sullivan, Oxford)**

12.00-12.30 **PanSTARRS1 : transient source identifications and database management (Dave Young and Ken Smith, Queens)**

12.30-13.00 **Database and archive challenges in the WASP project (R. West, Leicester)**

13.00-14.00 **Lunch (top floor of Physics & Astronomy Building) (Registration desk: Jenny)**

**Session Chair : A. Lawrence**

14.00-14.30 **Supernovae and transients with LSST (M. Wood-Vasey, Pittsburgh)**

14.30-15.00 **Transients and supernovae with DES (B. Nichol, Portsmouth)**

15.00-15.30 **eSTAR and Transient Science (T. Naylor, Exeter)**

15.30-16.00 **Break (Registration desk : Kate Maguire)**

16.00-16.30 **Solar system science and future sky surveys (P. Lacerda, Queen's)**

16.30-17.00 **Galactic transients with future surveys (D. Steeghs, Warwick)**

17.00-17.30 **Surveys for fast transients : present and future (G. Ramsay, Armagh)**

19:00 Meeting Dinner : Bo Tree Thai

**Wednesday January 20th**

**Location : Main Physics Building**

**Session Chair : R. Kotak**

09.30-10.00 **Transients in future space sky surveys : EUCLID and JDEM (B. Nichol and I. Hook ; Bob to give the talk)**

10.00-10.30 **Swift and beyond : what's next for GRBs (N. Tanvir, Leicester)**

10.30-11.00 **Transients and alerts with GAIA (L. Wyrzkowski IoA)**

11.00-11.30 **Break (Registration desk: Deborah Hunter)**

11.30-12.00 **GRBs and transient science : LT future (D. Bersier, LVJM)**

12.00-12.30 **Galaxy transients in the optical and high energies (A. Lawrence, Edinburgh)**

12.30-13.30 Lunch (top floor of Physics & Astronomy Building) (Desk: L. Magill/M. Fraser)

**Session Chair : S. Smartt**

13.30-14.00 **Time series analysis and archiving large databases (N. Cross, Edinburgh)**

14.00-14.30 **The ESO view of future synoptic sky surveys (B. Leibundgut, ESO)**

14.30-15.00 **NUAP + FUAP session (B. Nichol and B. Gaensicke)**

15.00-15.15 Break (Registration desk : Jenny McCabe)

15.15-16.00 **Discussion time : outcomes from the meeting**