

C19 REPORT, September 2010

1. YOUNG ASTROPHYSICISTS' PRIZES

Commission 19 (Astrophysics) of the International Union of Pure and Applied Physics announced the decision to present two young scientists' prizes in astrophysics for 2009 and 2010 at the 25th Texas Symposium on Relativistic Astrophysics in Heidelberg in December 2010.

The Committee received 13 nominations for the two awards, all of whom are outstanding young researchers. After long and complex consideration the following decisions were made:

* 2009 award - Dr. Thomas Schweizer of MPI Munich for his work on the MAGIC project and the first Crab pulsar detection at gamma energies above 25 GeV.

* 2010 award - Dr. Poonam Chandra of Royal Military College, Canada, for radio detections of distant gamma ray bursts and supernovae.

PREVIOUS YOUNG ASTROPHYSICISTS' PRIZE LAUREATES:

2008

- * Eiichiro Komatsu - Winner
- * Marta Volonteri - Honorable mention
- * Sarah Gallagher - Honorable mention

2006

- * Marta Burgay

2. CONFERENCES

C19 Commission sponsors two type B conferences in December 2010 at the level of 6000 euros.

These are:

- 1) the 25th Texas Symposium on Relativistic Astrophysics, December 6 - 11, 2010, Heidelberg, Germany
- 2) "Tracing the Ancestry of Galaxies (on the land of our Ancestors)"
December 13-17, 2010
Ouagadougou, Burkina Faso.

3. C19 COMMISSION MEETING

We plan to have a C19 Commission meeting during the 25th Texas Symposium in Heidelberg, Germany, December 2010 to discuss our future activities. We expect that at least half of the commission members will be present.

4. SUGGESTION

It has proven impossible ever to assemble more than half of C19 at any one time and place, and we wonder whether the national committees, in putting forward new members, might ask them if they are willing to attend either the Texas Symposia in even-numbered years or the IAU General Assembly in 2012 (Beijing), 2015 (Hawaii), etc.

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September 2010