

## **C19 - Astrophysics**

### **Activity report submitted by Grazina Tautvaisiene (C19 Secretary)**

#### **1) IUPAP Young Scientist Medals in the field of Astrophysics**

Call for nominations for the IUPAP Young Scientist Medals in the field of Astrophysics of 2013 was announced in April of 2013. Applications of five outstanding astrophysicists have been received by the 1st of July. A committee of five members was appointed which reviewed the applications and selected the winners.

The IUPAP Young Scientist Medal in the field of Astrophysics of 2013 will be awarded to Alicia Soderberg (Harvard University, USA) for discovering of new classes of explosions in the Universe across the electromagnetic spectrum, including the first X-ray flare associated with a shock breakout in a supernovae (SN 2008D), and the first luminous radio emission from a supernova (SN 2009bb) which requires a substantial relativistic outflow powered by a central engine without an observed gamma-ray burst.

Dr. Alicia Soderberg will present her work at the 27th Texas Symposium on Relativistic Astrophysics (December 8–13, 2013 in Dallas, USA), where the IUPAP Medal will be awarded.

#### **2) IUPAP support of international conferences**

For the IUPAP support has been selected the 27th Texas Symposium on Relativistic Astrophysics to be held in Dallas on 8–13 December, 2013.

There are no symposia selected for the IUPAP support in 2014.

#### **3) Participation in organizing committees of international conferences supported by IUPAP**

Four members of C19 are members of the Scientific Organising Committee of the 27th Texas Symposium on Relativistic Astrophysics to be held in Dallas on 8–13 December, 2013 (Thanu Padmanabhan, Victoria Kaspi, Grazina Tautvaisiene and assoc. member Virginia Trimble).