

XXIX-th International Workshop on High Energy Physics: NEW RESULTS  
and ACTUAL PROBLEMS in PARTICLE & ASTROPARTICLE PHYSICS and  
COSMOLOGY



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## Panel discussion on Black Holes

*Friday 28 June 2013 12:15 (1 hour)*

Moderator:

S. Sokolov

Panelists:

A. Cherepashchuk

A. Mitra

S. Crothers

A. Zakharov

Questions:

- Is there a definitive observational/experimental proof of the existence of black holes?
- Are there theoretical problems with black holes?
- Are any understanding of mass gap between the supermassive black holes in centers of spiral galaxies and star-range black holes ascribed to probable candidates?
- Do we need to get primordial black holes from the first times?

**Presenter:** SOKOLOV, Skiff (IHEP, Protvino, Russia)

**Session Classification:** Morning session

**Track Classification:** Black holes