

The CTA Observatory and the Future of High Energy Gamma-ray Astronomy

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Abstract: High energy gamma ray astronomy has undergone a large development in the last few years. The results from Cherenkov telescopes like HESS, MAGIC and VERITAS observatories have open new horizons and showed multiple new sources. I will review the very high energy sky, and present the status of the preparations for Cherenkov Telescope Array – the next generation Cherenkov observatory.

Tomasz Bulik is a professor at Warsaw University where he obtained his undergraduate degree. He obtained his Ph.D. from Penn State and did postdoctoral work at the University of Chicago before returning to Poland. He is a leader of the Site Selection Work Package on the Cherenkov Telescope Array. Outside of CTA, his main science interests are neutron stars, which brought him into our Gamma-Ray Burst (GRB) orbit in the pre-BATSE era, and he is active in gravitational wave detection possibilities from mergers of neutron star and/or black hole binary systems.