

## Memorable coin–Geodetic Struve Arc

(dedicated to 200-year anniversary of beginning of the astronomical and geodetic works)



<http://coins-ukraine.at.ua/>

The National Bank of Ukraine issued into circulation the 5 hryven alpaca coin that is dedicated to 200-year anniversary of beginning of the astronomical and geodetic works at the Geodetic Struve Arc. Geodetic Struve Arc – are the number of triangulation measurement points which are used for determination of parameters of the Earth, its form and dimension and it is considered to be the unique object of the UNESCO Global heritage list. In history of UNESCO it is the first scientific-technical remembrance of culture that covers 10 countries of Europe. This unique object was created by famous astronomer Friedrich Struve.

The obverse of the coin contains: small State symbol of Ukraine above, semicircle title UKRAINE in the leftside, under which is indicated the coin mintage year – 2016, the coin denomination in 5 hryven and logo of the Mint National Bank of Ukraine; on the mirror background Geodetic theodolite is illustrated, on the righthand of which is shown the schematic triangulation and list of the countries covered by Geodetic Struve Arc: Norway, Sweden, Finland, Estonia, Latvia, Lithuania, Belarus, Ukraine, Moldova. On the reverse side of the coin on the mirror background the portrait of Struve is made, on the righthand of which there is a semicircle inscription: Geodetic Struve Arc/1816 – 1855 – the period when the measurement had been done. On the left hand from the portrait there is a stylized composition: on the geographic map background the Struve Arc is shown and inscriptions: FUGLENE, 2822 km (above) and STARA NEKRASIVKA (below).

Artist: Mykola Kochubei, Sculptor: Sviatoslav Ivanenko, Anatolii Demianenko