Printables by JOSEF PRUSA

Sundial, with longitude adjustment

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VIEW IN BROWSER

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Summary

Sonnenuhr mit Längengrad Anpassung. 4 Teilig mit Beschriftung.

Household > Outdoor & Garden

Tags: uhr

This is my 3rd creation overall.

The longitude of the sundial can be adjusted by means of a movable dial.

You align the base plate with the “N” directly to the north and then place the dial, the pointer and the pointer plate on it.

Google the longitude of your location and subtract 15 ° from it.

Align the sum of the above calculation with a geometry triangle or a ruler.

You will now see the local time. The real local time is not CET, you should know that. The CET, according to which our clocks are set, is a compromise that was made in the 19th century.

The sundial shows the real and actual time.

FDM printer, Qidi X Plus, 0.2mm layer height, support only for the dial, no additions, PLA.

The final image from the print follows.

Have fun!

Model files

sonnenuhr-zeiger.stl

sonnenuhr-zeigerplatte.stl

sonnenziffernblatt.stl

bodenplatte.stl

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