

Contents of ZON & TIJD 2022.2 (nr. 141, June)

Editors

- 3 **Editorial - Editors**
On June, the month of the summer solstice and start of the summer season.
- 4 **From the NL Board - Secretariat**
The summer excursion will visit downtown Utrecht on 2 July. The autumn meeting in Tricht will be held on 17 September.
An unsigned, undated manuscript on Gnomonics was donated. It may stem from around 1800.
- 5 **From the Sundial Society of Flanders - Eric Daled**
A defective sundial in Kalmthout, a unique sundial found in Lier, a new sundial in Oudenaarde and a mysterious pole-style supporter were reported.
- 6 **Obituary: Dik de Groot - Editors**
Dik de Groot (1949-2022) was chairman of the Netherlands Sundial Society from 2004-2012. Hendrik Hollander and Lidi Schoorel shared their memories of Dik.
- 7 **The shadows of the beanpoles - Mieke Steenhout**
As a six year old, Mieke wondered about the shadows of the beansticks in her father's vegetable garden. Memories revived by the sundial course.
- 8 **A sundial for Meteren Manor - Hendrik Hollander**
Hendrik was asked to restore a horizontal dial. It appeared to be an intricately engraved dial designed for Meteren Manor. Some labeled birthday date lines pointed to the patron, Albrecht Nicolaas van Aerssen Beijeren (1723-1805), and his family. H. Hensuma was the maker.
- 12 **The Gate of Breda - Eric Daled**
This impressive domestic housing complex in Breda was built in 2000. It has a private terrace with a horizontal sundial, 7 m in diameter and 2 m high, which was designed by the late gnomonist José Bosard from Liège. Unfortunately, the dial is misaligned by about 15°.
- 14 **Artistical sundials of Marilyn Crawford - Frans Maes**
Inspired by poppy seed-heads, sculptor Marilyn Crawford made a sundial in which some vanes cast a shadow on the vane below. It was exhibited in Logan Botanical Gardens (Scotland) in 2014. In 2000, Marilyn won the BSS Award for her noon line sculpture "Two Children" (BSS Bull. 2000-3).
- 17 **Piano tuner is well-tempered again - Editors**
Theo Kip restored a deteriorating dial face shaped as a grand piano. The style is a tuning fork.
- 18 **Greenwich upon Scheldt. Time measurement in Antwerp port in the 19th century (part 4) - Joris Willems**
In the 1890's a new building was erected for all maritime services. The time signal installation was moved to its tower. It also housed the 'Time Office', which calibrated marine chronometers. This service became outdated in the 1910's, when time signaling by telegraph took over.
- 22 **Sundials made from shadows - Hans de Rijk, with an epilogue by Frans Maes**
A pole-style does not cast a readable shadow on a shiny equatorial ring with hour markers, but their shadows intersect and show the time. Frans thought to find an example in Otos (Catalan sundial village), but that appears to be a regular horizontal dial. The ring can be used to signal the equinoxes. Hipparchus (2nd c. BC) used this and discovered the precession.
- 24 **French Commission des Cadran Solaires 50 years - Eric Daled**
The French Sundial Society was founded in 1972 within the Astronomical Society of France. Jean Kovalevsky was its first president. Its registry has over 35,000 sundials, as well as astrolabes and nocturlabes. Its bi-annual magazine *Cadran Info* - since 2000 - is now freely available up to 2016.
- 26 **Artful sundial in Barcelona is missing - Editors**
La Busca de Paper nr. 101, the magazine of the Societat Catalana de Gnomònica, reports the missing of an artful sundial in Plaça del Sol, which was temporarily removed and should be replaced.
- 27 **Report of the meeting of 19 March in Tricht - Secretariat**
Frans Maes presented four sundial projects by Erich Pollähne (1915-2005), among which the complicated 'Time Monument' in Wennigsen. Hans Schipper created a gnomonics group at his former school, and Henk Hietbrink gave a sundial workshop for secondary school students. Sundial models etc. from two deceased members were raffled among those present. Finally, the AGM 2022 was held.
- 31 **Puzzle - Frans Maes**
Can a vertical decliner be designed so that the declination, substyle distance and style height have the same (absolute) value? If so, what hour lines to include? For the solution, see NASS Compendium Sept. 1997. The latitude appears to have the same value. The new question: how good is the 'boy scouts rule' to find south with a classical watch?