

# Contents of ZON & TIJD 2020.1 (nr. 132, March 2020)

Editors

*Hint for the digital version: a mouse click on an entry brings you to the page where the article starts.*

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| <b>Editorial</b>  | 3  | <b>The new puzzle: The heliostat in Munich</b> - Frans Maes   | 26 |
| On the mishap of being born on 29 February.   |    |   |    |
| <b>From the NL Board - Secretariat</b>  | 4  | On top of the main staircase of the Deutsches Museum in Munich is a heliostat which serves a solar telescope and a spectroscope, using a declination and an hour angle mirror. These are set daily. How large should the solar observation table be so that the solar image does not run off the edge during the day? |    |
| The next meeting, including the AGM, will be held on 21 March in Tricht. The morning will see a workshop on laying out an analemmatic sundial. The annual field trip will go to downtown Utrecht on 4 July.   |    |   |    |
| <b>From the Flemish Board - Secretariat</b>   | 5  | <b>Holiday sighting: Roman portable sundial</b> - Frans Maes  | 27 |
| Willy Ory has resigned from the Board and as webmaster. He is thanked for his many years of efforts regarding the Society. Joris Willems is his successor.  |    | The Atestino Museum in Este (prov. Padova) has a cylinder dial from the first century AD on display, with information on its construction and use.  |    |
| <b>Plea for a new European time</b> - Willy Leenders  | 5  | <b>Report of the meeting of 25 January in Tricht</b> - Ruud Hooijenga   | 28 |
| The EU seeks to abandon the semiannual one-hour clock shifts. Willy pleads for a European zone time based on the 10° East meridian.   |    | Arie de Ruiter and Rob van Gent gave a presentation on the astrolabe of Pybe Wouters (Pibo Gualtheri) from 1606. Arie took detailed photos, which were then 'stitched' into one overall image.  |    |
| <b>The sundials of W.G. ten Houte de Lange - Part 4. The sundial on board the m.v. "Oranje"</b> - Frans Maes  | 7  | Several members contributed reports, findings and questions to the 'open table' section.  |    |
| W.G. turns his universal equatorial dial into a sundial that works on board a ship. It is self orienting, based on the principle of the equatorial ring dial.   |    | <b>Additions and corrections</b> - Editors  | 30 |
| <b>Vertical sundial with two pole-styles</b> - André Reekmans   | 12 | In the Royal Eise Eisinga Planetarium the location of Dronrijp, Eise's hometown, has been corrected. Peter Louwman shared recollections of the Zeiss Planetarium in The Hague.  |    |
| Imagine two vertical sundials next to each other. The intersections of hour lines 3 hours apart form an ellipse. One pole-style serves the morning hours, the other one the afternoon hours.  |    | <b>Annual report 2019 of the Netherlands' Sundial Society</b> - John Souverijn  | 31 |
| <b>Helical sundials</b> - Frans Maes  | 14 | <b>The treasurer's report 2019-2020 of the Netherlands' Sundial Society</b> - Peter de Groot  | 32 |
| Frans put together Mike Cowham's article in the BSS Bulletin on a French helical dial, Francesc Clarà's article in the Catalan magazine La Busca de Paper, and other examples around.   |    | <b>Contents of this issue</b> - Editors   | 34 |
| <b>Gnomonics and philately - Part 1. Benelux</b> - Eric Daled   | 18 | <b>Information on the Netherlands' and Flemish Sundial Societies</b>  | 35 |
| Eric presents stamps showing sundials and related instruments from Belgium, The Netherlands and Luxembourg.   |    |   |    |
| <b>The old puzzle: Christmas in Maastricht, and the Easter date</b> - Frans Maes  | 22 |   |    |
| Christmas was skipped in Maastricht in 1582, due to the introduction of the Gregorian calendar. This had to do with the determination of the Easter date in the Roman Catholic church. Tables for finding the Easter date for any year, collected by Rob van Gent, are given. |    |   |    |