

Contents of ZON & TIJD 2025.1 (nr. 152, March)

Editors

3 **Editorial: Day and night- Editors**
Spring begins 20 March, 10:01 CET: day and night are equal. The statues 'Day' and 'Night' which Michelangelo sculpted for the tomb of Giuliano de' Medici emphasize the differences between the two.

4 **From the NL Board - Secretariat**
The next meeting will feature a talk by Allart Okx on his fused glass sundials. Also, the AGM will be held.

5 **My glass sundials - Allart Okx**
Allart explains how his sundials are made using the fusion technique. At present these are equatorial dials. The sundial course may inspire him to make other types too.

6 **The polyhedral sundial of Alberda. Part 2: An instrument of royal standing - Edgar Pelupessy**
Being curator of antique and applied art at Groningen Museum, Edgar outlines the socio-cultural background and the iconography of this instrument and focuses on the world views of Ptolemy, Tycho Brahe and Copernicus as illustrated on three dial faces.

12 **The sundials of the former Coudenberg Palace in Brussels - Patric Oyen**
The Coudenberg Palace played an important role in the history of the Low Countries. It was destroyed by a fire in 1731. Patric found five paintings and drawings which showed three sundials. None of these was depicted correctly with respect to hour lines and numbers and placement and orientation of the pole styles.

16 **Column: Upside down - Mieke Steenhout**
Mieke's attention has always been kindled by imperfections. A friend gave her an armillary sphere that came as a kit. She tried to assemble it, but the pole style kept pointing south and down, and the hinges kept moving. Yet, she got attached to it.

18 **The Sundial Bridge - Job van de Groep**
The Sundial Bridge, designed by Santiago Calatrava, spans the Sacramento River in Redding, California. It has only one pylon, which is tilted north, but with an angle that does not fit its latitude. It appears to function as a nodal dial, giving clock time from 11 to 15 hr on the summer solstice.

21 **The art project 'Klare Wal' - André Reekmans**
An art work will mark an archaeological 'henge' in western Belgium. It will consist of three pairs of sculptures provided with glass windows. These are aligned so that sunrises and sunsets can be observed through a pair during the equinoxes and solstices. André made the necessary calculations.

23 **Online conference - Editors**
Announcement of the World Sundial Day Online Conference organized on 20 March by Martins Gills.

23 **Fragments tell a story - Editors**
A tile fragment was excavated in an army camp near Utrecht that was in use during the Napoleonic era. Analysis of two hour lines gave a design latitude of $38^\circ \pm 2^\circ$, which points to the south of Europe. Which French officer carried this dial with him to all the way this part of the French Empire?

24 **Walking tour in Rome- Hans Wilschut**
When his wife attended a conference near Rome, Hans went after sundials. He contacted two Roman sundial lovers, who gave him suggestions. Hans visited a.o. the meridian line at Augustus' obelisk in Piazza Montecitorio, the meridian line in the Santa Maria degli Angeli, the reflection dial in the convent of Trinità dei Monti and the sundials on the Collegio Romano.

26 **The sundials on the Collegio Romano in Rome - Hans Wilschut**
These sundials, visible from the street, were designed by Christopher Clavius, the most important Jesuit scientist of the 16th century. Two panels have lines for Italian morning and afternoon hours. One, and perhaps both, also have sundials on the rear, only visible from inside the college..

32 **Puzzle: word puzzle and railroad track - Frans Maes**
The longest straight railroad track in the Netherlands is 29.5 km long. It follows the curvature of the earth. If it would be made in a straight line, how deep would it be dug in in the center? How much shorter would it be?

29 **Report of the meeting of 18 January in Tricht - Secretariat**
Wilfred de Graaf (Mathematics Dept, Utrecht University) gave a talk on the Navicula. In the 'Open Table' section, several members contributed interesting matters.

32 **Annual report 2024 - Secretariat**

33 **Financial report 2024 and Budget 2025 - Treasurer**
The membership increased to 138, including several institutions. The new sundial book by Frans Maes sold surprisingly well.

34 **Contents of this issue – Editors**

35 **Information on the Netherlands' Sundial Society and the Sundial Society of Flanders**