

Contents of ZON & TIJD 2021.3 (nr. 138, September)

Editors

- 3 **Editorial - Eric Daled**
On the origin of the name 'September'.
- 4 **From the NL Board - Hans Schipper**
The autumn meeting has been cancelled; Edo Walda is the new treasurer; several enquiries were answered; the sundial course will again be given.
- 4 **From the Flemish Board - Eric Daled**
Due to the corona situation, no activities have been planned.
- 5 **Greenwich upon Scheldt. Time measurement in Antwerp port in the 19th century (part 1) - Joris Willems**
An astronomical pavillion was built near the Antwerp docks in 1837, to house a meridian circle used for accurate time measurements. Clockmaker Charles Dekemel, who built many marine chronometers, was put in charge of the instrument. Around this time (1838) Quetelet's meridian line in Antwerp Cathedral was constructed.
- 11 **'Zonnemaan': artwork in Deventer - Editors**
A hare sitting on a tortoise standing on the moon testify in favor of tolerance. The hare holds a sunshade which may serve as an equatorial sundial.
- 12 **A planetarium between the fields in Toldijk - Hans Schipper**
The planetarium (modeled after the planetarium of Eise Eisinga) was founded by the late Henk Olthof and is accompanied by an observatory, a large earth globe, a southern hemisphere room, a mean-time equatorial sundial, and more.
- 15 **Alumni set to create their own sundials - Editors**
Two members who finished last year's sundial course tried their hand at their first sundial, with excellent results.
- 16 **Sundial education on YouTube - Editors**
Two YouTube movies made by Flemish comedian and tv maker Lieven Scheire are briefly discussed.
- 17 **A solar memorial in Dieppe - Hans Schipper**
The end of the Dieppe raid (19 August 1942, 13:00) is commemorated by a column with a maple leaf shaped opening, for the severely battered Canadian Essex Scottish Regiment.
- 18 **The world's thinnest pocket sundial - Frans Maes**
Japanese travelers used a sheet of paper with tabs that, when folded up, serve as gnomon for a horizontal altitude dial, showing antique Japanese hours. A remake for modern hours at 52° is added.
- 22 **The Flemish Capuchins as sundial designers and makers (part 5) - Eric Daled**
A multiple, horizontal sundial on a marble plate turned up in the collection of Ghent municipal museum. The dial was made by Brother Amantius in 1793. It shows local time in various places around the globe, as well as antique hours.
- 24 **Sundial in a secondary school final exam - Editors**
On 8 April, the shadow length of a gnomon equals its height. Given an equation for solar declination, at which date does this happen again?
- 25 **Colorful sundial in Donk - Editors**
Patric Oyen designed a northeast declining, mean-time dial. Each analemma curve is divided into four differently colored parts, related to the season.
- 25 **'Sundial' sand sculpture - Editors**
A nice sand sculpture, but far from a functional dial.
- 26 **Leyden sundials demolished - Editors**
The large horizontal dial at Lammermarkt disappeared some years ago. Now, the large vertical dial at the former flour mill is being demolished. Its clever design is explained.
- 28 **Sundials from past to present (part 1) - Frans Maes**
This first part of an article written for a clock magazine reviews briefly the development of sundials from 1500 BC to the 17th century.
- 31 **Book review: Construcció de maquetes de rellotges de sol - Eric Daled**
The Catalan Sundial Society SCG published a collection of 44 sundial models made by Francesc Clarà, several of which were published earlier in their magazine Busca de Paper.
- 33 **Puzzle: Italian sundial and Visvliet squares - Frans Maes**
The Italian sundial puzzle was designed by Francesco Caviglia and appeared in Orologi Solari nr. 24, available online.
The new puzzle asks for the number of squares in a line drawing.
- 34 **Contents of this issue - Editors**
- 35 **Information on the Netherlands' Sundial Society and the Sundial Society of Flanders - Editors**