

Content of Bulletin 115, October 2014 by Volkert Hoogeland

A letter from the board

page 3

It's a call for an early annual meeting in January to elect a new board, to discuss improvements in the financial situation and to make a decision about a new, better and cheaper location for the member meetings.

The yearly excursion to Flanders

Editor

page 6

A short impression of the trip we made to the Rubens Museum in Antwerp to see the oldest sundial (1601) of Belgium made by Jacob de Succa. We got a thorough explanation of Willy Leenders (member of the Flanders Sundial Association). You can find the complete presentation on www.wijzerweb.be/rubenshuis.html. After lunch we visited the cathedral to admire the afternoon line of Aldolphe Quetelet. The trip went on to the town of Rupelmonde, known for the large amount of different sundials.

Rupelmonde is the place of birth of Mercator. Frans Maes made a special hand-out for us explaining every object we were going to see. If you are interested send a mail to the editor and you will receive the PDF by e-mail (in Dutch) to your address.

A letter to the editor

Ad van der Hoeven

page 8

In this letter he claims that the Analemma is in fact a "lissajous" graph. In this document you will find the substantiation of his conclusion.

A sundial in the garden of a care home named 'Marga Klompé'

Hendrik Hollander

page 10

The design of this sundial is representing the curve of the human being from young to old. The height of the hourly stones at the start is growing and becoming later / older they are getting smaller. The first early stones of the sundial are placed in a sandbox where children can play and sometimes older people would like to play in the sandbox again.

Roundabouts: Lifesaving eye catchers

Frans Maes

page 12

In the Netherlands we see an increasing number of roundabouts with a large decrease in the number of fatal accidents on crossings. These locations are perfect for placing a sundial as you will find in this article. Frans Maes did some investigations and detected that sometimes a piece of art is placed in those locations looking like a sundial or with a description pointing in the direction of a sundial. He calls them "false fiends". Sometimes it is a missed opportunity, with some adaptations it could have been a sundial.

A puzzle

Han Hoogenraad

page 14

Readers and members are challenged to solve this puzzle and to respond with the right answer and a good explanation.

Agenda annual meeting the 24th of January 2015

page 18

Minutes of the meeting dated 20 September 2014

Hendrik Hollander

page 19

An eight sided sundial in Museum 'Betje Wolff' in Middenbeemster

Frans Maes

page 22

In the village 'Middenbeemster' there is a small Museum. Within the collection is an eight sided table sundial. For Frans Maes they placed this sundial outside in the sun to make some pictures of this instrument. Some background is given in this article.

Shopping in the Appstore

Jacob Borsje

page 24

Jacob did some research for apps we can apply for our smartphones. These apps give all kind of information about the sun and the moon. On request the editor can send you the total overview of the apps Jacob retrieved.

Two members had bought a replica of the 'Giovanni Caddei' sundial that was offered in a website called 'market place'. One of them was Frans Maes. He did research to retrieve the original sundial and found out that the replicas are bad copy's. In this article you will find the results of his investigations and the conclusions he made.

The Zutphen Quadrant

John Davis *page 30*

This article is a Dutch translation of the article by John Davis in the Bulletin of the British Sundial Society vol. 26(i), p. 36-42, March 2014, done by board member André Reekmans of the Flandres Sundial Society
This quadrant was found during excavations in the town of Zutphen and is very important. This sundial is dated approximately 1300 and it proves that this type of sundials for equal hours is used one century earlier than commonly was assumed.
Here you can find the result of the thorough research John Davis did.

The opinion of others

R.J. Vinck *page 38*

The phenomenon of the reversing shadow that was discussed in our previous bulletin resulted in a reaction of our member R.J. Vinck. In an other approach he gives a mathematical explanation of this phenomenon.

Postscript

Han Hoogenraad *page 41*

Han Hoogenraad comes with a postscript on the articles that appeared about the reversing of the shadow in the previous bulletin and the reaction of Mr. R.J. Vinck. With this additional information he hopes to simplify the used mathematics.

Information about our members

page 42

Time correction and Declination table

Thijs de Vries *page 45*