

# Contents of ZON & TIJD 2023.4 (nr. 147, December)

Editors

- 3 **From the Chairman** - *Hans Stikkelbroeck*  
Hans hails the new sundial book, written by Frans Maes as an offspin of the sundial course. The winter solstice (22 December, 4:27 CET) marks the arrival of Christmas and the New Year. May it bring Peace to the world.
- 4 **From the Sundial Society of Flanders** - *Eric Daled*  
The bye-laws of the society are being revised because of new legislation. The financial year will be equated with the calendar year, so the AGM is postponed until early next year. Frank Ranson exhibited his sundial sculptures in Bruges Belfry.
- 4 **From the NL Board** - *Secretariat*  
The winter meeting will be held in Tricht on 20 January. Jan Hogendijk will talk about Arab sundials. Joris Willems (Flanders) rebuilt the website. The new sundial book by Frans Maes was published by our Society. The old issues of the Bulletin (1978-2002) have been scanned and are now digitally readable. They will be added to the website soon.
- 7 **A new view on the oldest known sundial** - *Willy Leenders*  
In this article from his lost website, Willy confirms the thesis of Sarah Symons (BSS Bulletin 98.3) that Egyptian L-shaped sundials were aimed at the sun, without crossbar, contrary to Borchardts theory.
- 10 **Book review: "Gezien de Tijd" by Adri de Ruijter** - *Frans Maes*  
Adri presents the story of the definition and the measurement of time units over the centuries.
- 12 **Sundial adventures in and around Zutphen** - *Hans Schipper*  
Dentist Topzand donated a multiple sandstone sundial to the Municipal Museum of Zutphen in the 70's. Hans found it in a contractor's shed. City officials appeared not helpful. Many years later Hans discovered that the sundial had nevertheless been reinstalled, although incorrectly oriented and in a bad spot
- 14 **The Ansonia Sunwatch: time measurement in the twenties. Part 2. The British Isles, Australia & New Zealand and South-Africa** - *Eric Daled*  
The Ansonia Sunwatch from the 20's, discussed in the previous issue, has also been adapted to these three English-speaking regions.
- 18 **A mechanical equatorial sundial** - *Frans Maes*  
This uncommon dial type turned up in an advice question. It serves a fixed latitude of 53° (Frisia). The dial face appears to have been mounted 180° twisted.
- 21 **Word puzzle** - *Willy Leenders*  
For the festive days.
- 22 **New analemmatic sundials in Zoeterwoude** - *Frans Maes*  
Hendrik Hollander constructed an analemmatic dial in a playground. Searching the web for details, Frans hit on an unknown analemmatic dial in the same city, ten years old and using large boulders as hour points. It lines a 'discovery trail' for the youth.
- 23 **An elephant in London Zoo** - *Jan ten Böhmer*  
The well-known shadow-plane sundial of Wendy Tailor in London Zoo had been knocked off its base by an exercising elephant. It was re-instated incorrectly. Funds to correct the mistake were unavailable until recently.
- 24 **Italian pseudo-sundials** - *Frans Maes*  
Regularly, people ask about odd sundials they saw in Italy, in the cities of San Gimignano and Pavia. These appear to be 'art works' and were not intended to be a sundial.
- 26 **Sundial on roundabout in Heesch** - *Frans Maes*  
A large pole-style sundial, designed by artist Guido Geelen, will be erected on a roundabout in an entrance to the village. It features a profile of a universal face, neither masculine nor feminine.
- 27 **Reconstruction of the Belgian pocket sundial** - *André Reekmans*  
Using calculated solar altitude lines, the time scale of the Belgian pocket sundial (discussed at large recently) was reconstructed. It was then optimized for minimum time reading errors, and half- and quarter-hour marks were added.
- 31 **The old puzzle: Pole viewer** - *Frans Maes*  
What limitations are posed on a tube aimed at the celestial pole for Polaris to be visible year round through the tube? It should be shorter than 40x the diameter of the tube.
- 32 **Report of the meeting of 17 September in Tricht** - *Edo Walda*  
In the morning, the workshop on spherical geometry was continued. Hans Schipper wrote an extensive course manual. The afternoon meeting featured a talk and demonstrations by Job van de Groep on 3D photography. Several members presented their ongoing projects. Hans Stikkelbroeck will resign from the Board at the next AGM. We are calling upon the membership for filling three Board positions.
- 34 **Contents of this issue** – *Editors*
- 35 **Information on the Netherlands' Sundial Society and the Sundial Society of Flanders**