

# Contents of ZON & TIJD 2024.1 (nr. 148, March)

Editors

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

- 3 **Editorial: March** - *Editors*  
March is named after Mars, the Roman god of war. Now it accommodates the spring equinox, Easter and the start of the much discussed summertime in the European Union.
- 4 **From the NL Board** - *Secretariat*  
The spring meeting will be held in Tricht on 23 March. It will include the AGM. Gerard van den Braak takes care of the sundial register.
- 6 **From the Sundial Society of Flanders** - *Eric Daled*  
The new bye-laws of the society have been approved. The financial year has been equated to the calendar year. The AGM is therefore postponed to spring 2024.
- 7 **Precision sundial** - *Wytze Boersma*  
Wytze noted armillary dials with a gnomon incorporating the equation of time, which allows reading of clock time. He built a study model to understand the construction of the gnomon.
- 10 **Column: Lyrics and sundials** - *Mieke Steenhout*  
The lyrics of 'Windmills of your mind' by Dusty Springfield make Mieke wander through old memories.
- 11 **Decrease of shadow length of a vertical gnomon** - *Patric Oyen*  
The shadow length of a vertical gnomon at noon decreases from the winter solstice to the summer solstice at an accelerating rate until an inflection point on 25 January, then decelerates.
- 12 **Analemmatic in Zoeterwoude again** - *Frans Maes*  
The analemmatic dial in a 'discovery trail' for the youth in Zoeterwoude was constructed using boulders for hour points that were previously used in an analemmatic dial in Amsterdam.
- 13 **Blueprint of the sky: a sunpointer** - *Hans Wilschut*  
Hans saw an installation in St-Peter's church in Cologne by artist Lyoudmila Milanova, in which a mirror, illuminated by a spotlight, reflected the light in the direction of the sun.
- 14 **The noon cannon according to Ilja Gort** - *Frans Maes*  
Ilja Gort, tv personality and presently winegrower in the Bordeaux region, gave a hilarious demonstration of a noon cannon, in which several incorrect statements were made. Afterwards, Frans wondered what use the sundial has on which the cannon is usually mounted.
- 15 **A sundial for an Italian villa** - *Frans Maes*  
Frans saw an annular plaster ornament on the wall of an Italian villa, with a pin inside. He wondered whether it would have held a sundial, and if so, for what hour system. He reconstructed a sundial indicating 'French' hours.
- 18 **Reconstruction of the Belgian pocket sundial (conclusion)** - *André Reekmans*  
Using calculated solar altitude lines, the time scale of the Belgian pocket sundial (discussed at large recently) was again optimized for minimum time reading errors.
- 19 **Puzzle: word puzzle and a dial in a city square** - *Frans Maes*  
The solution of the word puzzle by Willy Leenders was 'analemmatic sundial'. Frans criticizes the analemma often incorporated in the 'sundial of human involvement' design. The new puzzle shows a photo of a sundialish object, the hour lines of which are extended into the city square. Are they correct?
- 20 **Report of the meeting of 20 January in Tricht** - *Edo Walda*  
In the morning, the workshop on spherical geometry was continued. The afternoon meeting featured a talk by Jan Hogendijk on a recently auctioned Persian sundial and Mecca-finding map. Rob van Gent is researching sundials in trading posts of the former East Indian Company in India, Sri Lanka and Indonesia.
- 23 **Vineyard sundials along the Moselle river** - *Frans Maes*  
Twelve vineyard sundials can be found along the Moselle river between Trier and Koblenz. They are described and their origin and purpose are discussed, mainly based on the PhD thesis by Wolfgang Zäck.
- 31 **Annual report 2023 of the Netherlands' Sundial Society** - *Secretariat*
- 33 **Financial report 2023-2024 of the Netherlands' Sundial Society** - *Treasurer*
- 34 **Contents of this issue** – *Editors*
- 35 **Information on the Netherlands' Sundial Society and the Sundial Society of Flanders**