
Contents of ZON & TIJD 2018.2 (nr. 126, August 2018)

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The Chairman's preface - 8th lustrum Hans greets the forty-year-old society.	Hans Stikkelbroeck	3
From the Board of the Netherlands' Sundial Society The lustrum meeting will be held on September 22 in Boerhaave Museum. Rob van Gent will deliver the key note lecture on the Antikythera Mechanism. The June issue of the the astronomy magazine Zenit featured Sundials, in a series of articles by Frans Maes. Since then we could welcome some ten new members, most of whom will take the introductory sundial science course, which will start in late September.	Frans Maes	4
Visit to the sundial collection of Max Elskamp in Liège This year's excursion brought us to the stores of the 'Musée de la Vie Wallonne' near Liège on June 23. Frans Maes and Eric Daled had made a selection of 25 sundials from the 582 objects in the collection. Frans presented these, using the smartphone camera to project even the finest details onto the wall.	Janneke Groeneweg	5
Living with a sundial tattoo on one's leg A jeweler/clockmaker asked Willy for a sundial design to be tattooed on his leg. Willy opted for an analemmatic dial and describes the design procedure.	Willy Leenders	10
Sundial on a pierced column A column with two aligned pole styles, on south and north side, was seen in the botanical garden of Padova (Italy). They seem to be the ends of a single style piercing the column. The associated hour line patterns are therefore connected. It is a nice exercise to work out how.	Frans Maes	11
The 'sundial garden' in the Deutsches Museum in Munich Lidy visited the 'sundial garden' on a roof terrace of this huge technology museum and shows some pictures of the 25 sundial types designed by Yves Opizzo and executed by Christian Tobin.	Lidy Bolsman	12
Sundials without a style, just a hundred nails Inspired by the work of Gunther Uecker, a German artist mainly known for working with nails that he drives into boards or sculptures, M. Kieffer outlines principles for constructing both a horizontal and a polar sundial with no style using a hammer and nails. This article originally appeared in Cadran Info No. 26, October 2012, and in translated form in NASS Compendium 25 nr. 2, June 2018.	Maurice Kieffer (transl. Willy Ory)	14

The east dial of Gouda: sundial or treacle waffle?	Frans Maes	18
<p>The gothic town hall of Gouda, a city famous for its cheese, has a double sundial on its south-east corner, dating from 1613. The south dial is perfectly normal, but the east dial face shows a puzzling line pattern. Inspired by an article by Douglas Bateman and Frank King in BSS Bulletin 2016 nr. 3, Frans analyzed the pattern and found that it resembled the pattern of the famous Gouda waffles, rather than an east dial.</p>		
The Flemish Capuchins as sundial designers and makers (part 3)	Eric Daled	20
<p>This episode is devoted to Amantius of St-Amands (1748-1826). Two sundials by Amantius are discussed: the 'Heverlee' dial, an early work that carries so much information that it is hard to read, and the Snellegem dial, a later work with eight styles showing a.o. the time in various places around the world.</p>		
Sundials of the Netherlands	Frans Maes	23
<p>Three restored sundials are presented: a vertical dial in Nijmegen, a globe dial at Heemstede Castle near Houten and an armillary sphere at the Drenthe Museum in Assen, as well as two new ones: an armillary in Dedemsvaart and an analemmatic dial in Hellendoorn.</p>		
Sundials of Flanders	Patric Oyen	29
<p>Four recently recorded dials are presented: a restored vertical dial from 1637 in Burcht, two new vertical dials in Assenede and Kortrijk, and a sundial design in the archives of a business run by Patric's great-uncle, that used to make flags for guilds and associations.</p>		
Puzzle: Sunrise and sunset	Frans Maes	31
<p>The solution of the old puzzle is given, on the effects of refraction on sunrise time and azimuth. The new puzzle has to do with the observation of sunset at various heights.</p>		
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