

JOURNAL OF ASTRONOMICAL HISTORY AND HERITAGE

ISSN 1440-2807

EDITOR

Professor Wayne ORCHISTON (Thailand)

ASSOCIATE EDITORS

Dr Clifford CUNNINGHAM (Canada)

Dr Duane HAMACHER (Australia)

Dr Peter ROBERTSON (Australia)

Professor Richard G. STROM (Netherlands)

EDITORIAL BOARD

Dr Alan BATTEN (Canada)

Dr Suzanne DÉBARBAT (France)

Dr Steven DICK (USA)

Dr Ian GLASS (South Africa)

Professor Bambang HIDAYAT (Indonesia)

Dr James LEQUEUX (France)

Professor Ioannis LIRITZIS (Greece)

Professor Nick LOMB (Australia)

Professor Tsuko NAKAMURA (Japan)

Professor NHA Il-Seong (Korea)

Professor Ray NORRIS (Australia)

Dr Yukio OHASHI (Japan)

Professor F. Richard STEPHENSON (England)

Professor Xiaochun SUN (China)

Professor Joseph S. TENN (USA)

Professor Virginia TRIMBLE (USA)

Professor Mayank VAHIA (India)

Professor Brian WARNER (South Africa)

Professor Gudrun WOLFSCHMIDT (Germany)

The *Journal of Astronomical History and Heritage* (JAHH) was founded in 1998, and since 2007 has been produced three times yearly, now in March/April, July/August and November/December. It features review papers, research papers, short communications, correspondence, IAU reports and book reviews.

Papers on all aspects of astronomical history are considered, including studies that place the evolution of astronomy in political, economic and cultural contexts. Papers on astronomical heritage may deal with historic telescopes and observatories, conservation projects (including the conversion of historic observatories into museums of astronomy), and historical or industrial archaeological investigations of astronomical sites and buildings. All papers are refereed prior to publication. There are no page charges, and *in lieu* of reprints authors are sent a pdf or Word camera-ready version of their paper so that they can generate their own reprints on demand.

Prospective contributors may download the 'Guide for Authors' directly from the internet by accessing <http://www.narit.or.th/en/files/GuideforAuthors.pdf> or request it from Professor Wayne Orchiston (wayne.orchiston@narit.or.th). Intending contributors should carefully follow these guidelines when preparing manuscripts. Papers should be emailed to Professor Orchiston, or posted to him at:

National Astronomical Research Institute of Thailand
191 Huay Kaew Road
Suthep District
Muang
Chiang Mai 50200
Thailand

Book reviews should be emailed to Dr Clifford Cunningham (asteroid4276@comcast.net).

The JAHH is now an electronic journal. All content back to Vol. 1 (1998) may be downloaded free of charge from either the Journal's web site at <http://www.narit.or.th/en/index.php/jahh> or the SAO/NASA Astrophysics Data System site (<http://bit.ly/1bMwxBr>) and its 11 mirror sites around the world. The electronic version of the journal will continue to be produced three times a year (nominally in April, August and December) and posted on both sites. Those who want a hard copy may print one out or have it done by their local printers. For this reason a single pdf of each entire issue (including the cover) is available on the site at NARIT.

© National Astronomical Research Institute of Thailand. The views and opinions expressed in this Journal are not necessarily those of the Institute, the Editors or the Editorial Board.

COVER IMAGE

The 80-cm telescope delivered to Toulouse Observatory in 1875. Although construction began under Léon Foucault and Marc Secretan, neither lived to see the result. From about 1855, the pair had begun to devise and perfect silvered-glass mirrors for telescopes. This freed astronomy of an archaic speculum technology and paved the way for reflecting telescopes of 5-m and more in diameter. Read William Tobin's fascinating paper, beginning on page 106.