

# JOURNAL OF ASTRONOMICAL HISTORY AND HERITAGE

ISSN 1440-2807

## EDITOR

Associate Professor Wayne ORCHISTON (Australia)

## ASSOCIATE EDITORS

Professor Hilmar DUERBECK (Germany)

Professor Joseph S. TENN (USA)

## EDITORIAL BOARD

Dr David ANDREWS (England)

Dr Alan BATTEN (Canada)

Dr Allan CHAPMAN (England)

Dr Suzanne DÉBARBAT (France)

Dr Wolfgang DICK (Germany)

Dr Steven DICK (USA)

Professor Bambang HIDAYAT (Indonesia)

Professor Rajesh KOCHHAR (India)

Professor LIU Ciyuan (China)

Professor Tsuko NAKAMURA (Japan)

Professor NHA Il-Seong (Korea)

Professor F. Richard STEPHENSON (England)

Professor Richard STROM (The Netherlands)

Professor Brian WARNER (South Africa)

The *Journal of Astronomical History and Heritage* (*JAH*<sup>2</sup>) was founded in 1998, and from 2007 has been published three times yearly, in March, July and November. 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.

A 'Guide for Authors' is on the *JAH*<sup>2</sup> web site ('History Astro. Journal') at

[www.jcu.edu.au/astronomy](http://www.jcu.edu.au/astronomy)

and should be followed carefully when preparing manuscripts. Papers and book reviews should be e-mailed to the Editor, Associate Professor Wayne Orchiston ([Wayne.Orchiston@jcu.edu.au](mailto:Wayne.Orchiston@jcu.edu.au)), or posted to him at

Centre for Astronomy,  
James Cook University,  
Townsville,  
Queensland 4811,  
Australia.

Enquiries concerning subscriptions, review copies of books, advertising space, back numbers or missing issues of the *Journal* also should be directed to Associate Professor Orchiston.

The annual subscription rates for Volume 13 (2010) are:

AU\$200:00 for institutions

AU\$88:00 for individuals

© Centre for Astronomy at James Cook University. The views and opinions expressed in this *Journal* are not necessarily those of the Centre for Astronomy, the Editors or the Editorial Board.

## COVER PHOTOGRAPH

Wilhelm Tempel (1821–1889) is well known for the comet and minor planet discoveries he made while based in Venice, Marseille and later Milan, but few would realise that he was a trained lithographer. The image on the cover of this issue of *JAH*<sup>2</sup> is from the Archives of the INAF-Arcetri Astrophysical Observatory, and reveals something of Tempel's artistic talent. He prepared this previously-unpublished lithograph in 1860 while based in Marseille, and it portrays a series of drawings of lunar features and craters made during the previous year when he was in Venice. The two inset drawings at bottom right depict Comet C/1860 M1. For details of Tempel's remarkable astronomical career, his modest 10.8-cm Steinheil refractor, and further examples of his drawings see the paper by Bianchi et al. on pages 43 to 58 in this issue of the *Journal*.