

October 21-27, 2013, IIA, Bangalore, India

## Connecting the past with the present through Open Access-IIA Archives

Historical scientific contents accessible from Open Access Repositories facilitate interactive communication in addition to their value for research publications.



Indian Institute of Astrophysics Open Access Repository received this copy of the portrait of its first Director William Petrie at Madras observatory from Winson Saw Chin Beng who was the compiler of the list of Governors at Penang (author of Piecing Penang History) when he observed that our collection at **Prints** (OA Repository of IIA), did not have the copy of the image. This was possible, because the historical contents at OA Repository is "Open" to the users. http://prints.iiap.res.in/handle/2248/1075

William Petrie



Many times the availability of unpublished historical manuscripts, correspondence & photographs in any archives can be connected to the astronomical events that keep occurring periodically and the information can be disseminated through open access mechanism. The unpublished scientific pamphlet on Transit of Venus by C. Ragoonatha Chary, the first assistant at the Madras Observatory, written in both Kannada & English were brought out as the IIA Archives Publication Series No; 3, during the recent Transit of Venus event occurred on 6th June 2012, available @ Prints. http://prints.iiap.res.ii/handle/2248/5828

Transit of Venus in Kannada

The person in the photograph on the right is presumed to be C. Ragoonatha Chary, by Ms. Cherry Armstrong, the great, great grand daughter of N R Pogson, when she came across the image in our OA Repository soliciting the identity of the individual.

Know thy Ancestors



To commemorate the centenary of the discovery of the Evershed effect at Kodaikanal the First day cover and the stamp was brought out by the India post in the year 2009 using the Evershed collection uploaded in the OA Repository. <a href="http://prints.iiap.res.in/handle/2248/1335">http://prints.iiap.res.in/handle/2248/1335</a>

IIA Archives Publication Series No.1

http://prints.iiap.res.in/handle/2248/5653

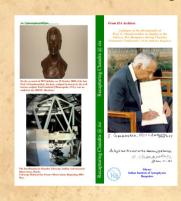


First day cover and stamp cancellation on Evershed Effect

## OA facilitates popularisation of science

Photographic Exhibitions of illustrious astronomers and the facilities are organized from time to time, and the glimpses of those photographs are presented as fliers in the OA Repository for access







The photographs thus displayed have been re-used for popularization programmes and for educational purposes.

Some of these photographs are featured as cover images in scientific publications



## OA leads to Artistic display

Recently the historical contents accessible through IIA Open Access Repository has attracted a visual Swedish artist Conny Karlsson Lundgren, to make use of some of the contents on Isis Pogson, the daughter of N.R.Pogson for an art exhibition at Sweden. http://www.connykarlsson.se/87-Sylvia



The Sylvia Fractions

## 87 SYLVIA \*Ever your devoted sister, E. Isis

During the middle of the 1800's the British astronomer Norman R.
Pogson is moved to India, one of the country's colonies. He initiates
a close collaboration with his eldest daughter E. Isis and with a
recommendation from her father she is also the first woman to apply
for membership of The Rayal Astronomy Association. She is rejected
and their joint work is not acknowledged until much later. Their
discovery from 1866 is depicted using material from the observatory
in Madras — an asteroid named 87 Sylvia. Made possible through
the archive at Indian Institute of Astrophysics, Bangalore IN

87 Sylvia is an independent mart of the work series

The Sylvia Fractions.

87 Sylvia 2013

And the second s









IIA Library has been participating in the "Open Access Week" program for the last four years by designing posters and Book Marks, on OA @ IIA. To view those posters visit