

LISA VII Conference ,
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NEW ROLES FOR LIBRARIAN OF BOSSCHA OBSERVATORY

*Review of Tasks in Library
Over Two Decades*

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INTRODUCTION



Basic tasks of **expert** librarian are organizing and utilization of library collection/information source; socialization of library, documentation and information; **and assessment of library, documentation and information development** (Indonesia National Library, 2004).

BRIEF HISTORY OF BOSSCHA OBSERVATORY AND THE LIBRARY COLLECTION



1920	As “The King of the Tea” Mr. Karl Albert Rudolf Bosscha together with other businessmen, including Mr. Ursone, an Italian citizen who owns the dairy company "Baroe Adjak", pioneered the association of astronomy (NISV)
1921	Bosscha and Dr. Voute ordered telescope to Carl Zeiss Jena
1923	The development of the observatory was inaugurated in January 1, 1923.
1928	Bosscha gave double refractor telescope of Zeiss and Bamberg telescope to the NISV in June 7, 1928. He passed away in November 26, 1928





Mr. Kerkhoven manage the building, including dome which was designed by architect Wolff Schoemaker and a fireproof library to support astronomers working.

Prof. Dr. H.G.van de Sande Bakhuiyzen, ret. Dir Leiden Obs. donated books and journal on astronomy

Mr. K.A.R Bosscha, Dr. C.G. Ursone, Prof. H.G. van de Sande Bakhuyzen



K.A.R. Bosscha
15.5.1865-26.11.1928



Dr.G.G. Ursone
8-12-1914-23-5-1960
credit: Hadri fam.



Prof van de Sande Bakhuiyzen
(1838-1923) H&D 21, 1923

The early collection of Bosscha Observatory library

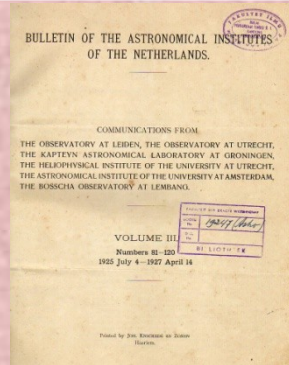


Ergebniss der exacten naturwissenschaften
1922, Mijnwezen Med Topografische Med
Vulkanik Nederland, Natuurkundig Tijdschrift,
Zeitschraft Leipzig, Proc of 3rd & 4th Science
Congress in Tokyo & Indonesia, Proceedings
Academy Amsterdam, Hemel & Dampkring,
plates, Books published in 1640-1800, etc

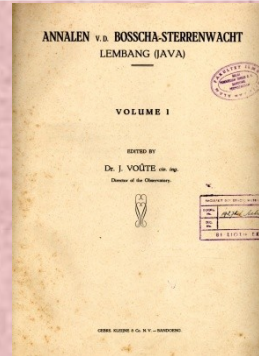
HIGHLIGHT OF PUBLICATIONS, RESEARCH & ACTIVITIES



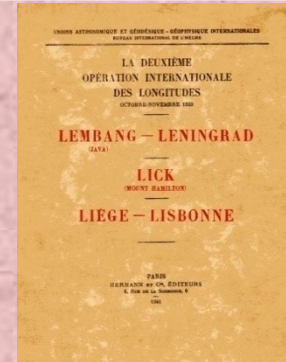
1920-1940 Jaarsverslag



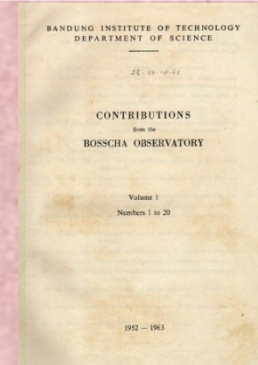
1927-1929 Papers in Bull. of the Astron. Insti. of the Neth



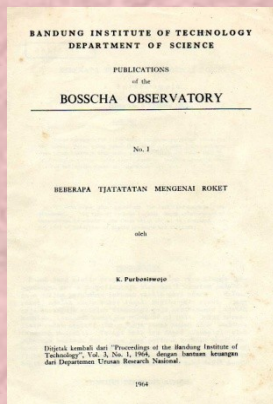
1933-1940 Annalen from Bosscha Observatory



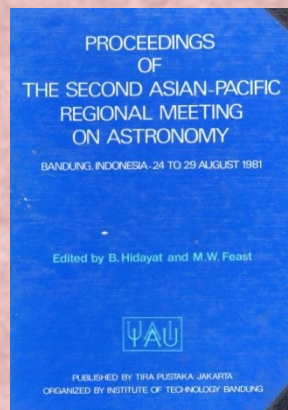
The World Longitude O. int'l des longitude



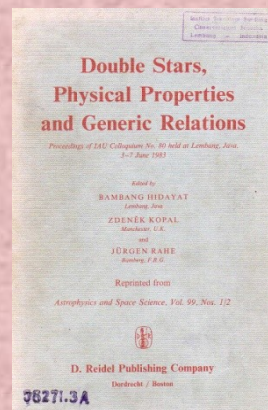
Contrib from Bosscha Obs Obs. Vol 1-6 (1952-1995)



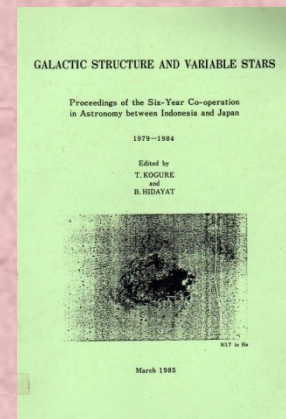
Publ. from Bosscha Obs (1964-1977)



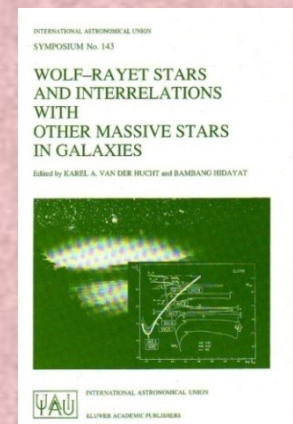
Proc 2nd APRIM 1981



1983 IAU Coll80 DStars, Physical Prop. & Gen. Rel

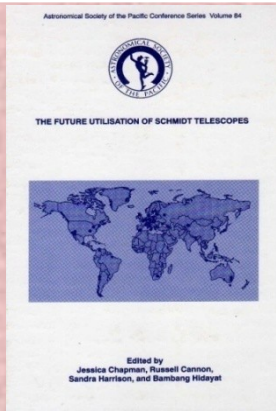


Joint research Ind-Jpn (1981-1989)

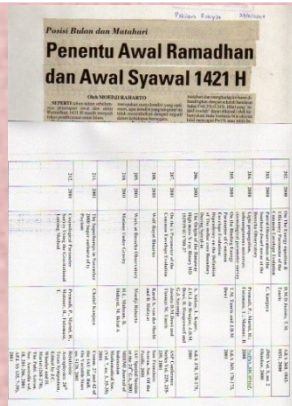


1989 IAU Symp 143

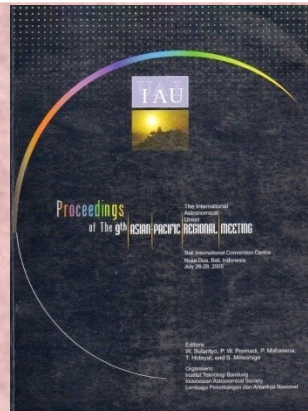
HIGHLIGHT OF PUBLICATIONS, RESEARCH & ACTIVITIES



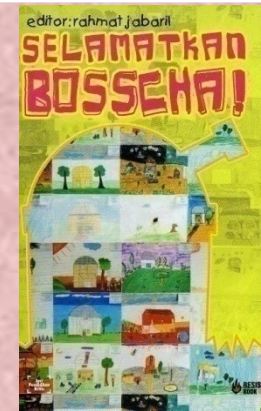
1994 IAU Coll. 148



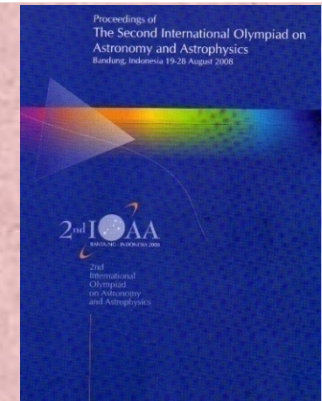
2000 Papers of staffs in journal (A&A, etc)



2005 Proc9th APRIM



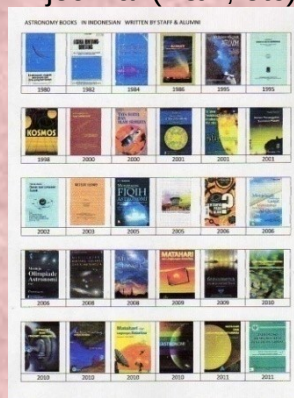
2007 concern to environment



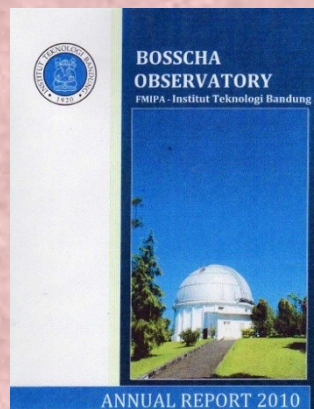
Proc of 2nd Olympiad 2008



Bulletin of Bosscha 2006-2008



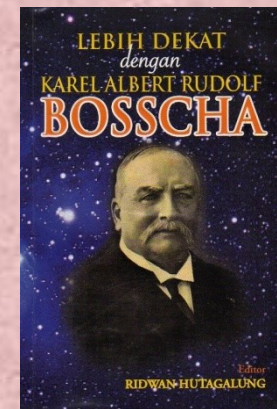
Astronomy book in Ind. (1972-2011)



2010 Ann Report boosscha.itb.ac.id

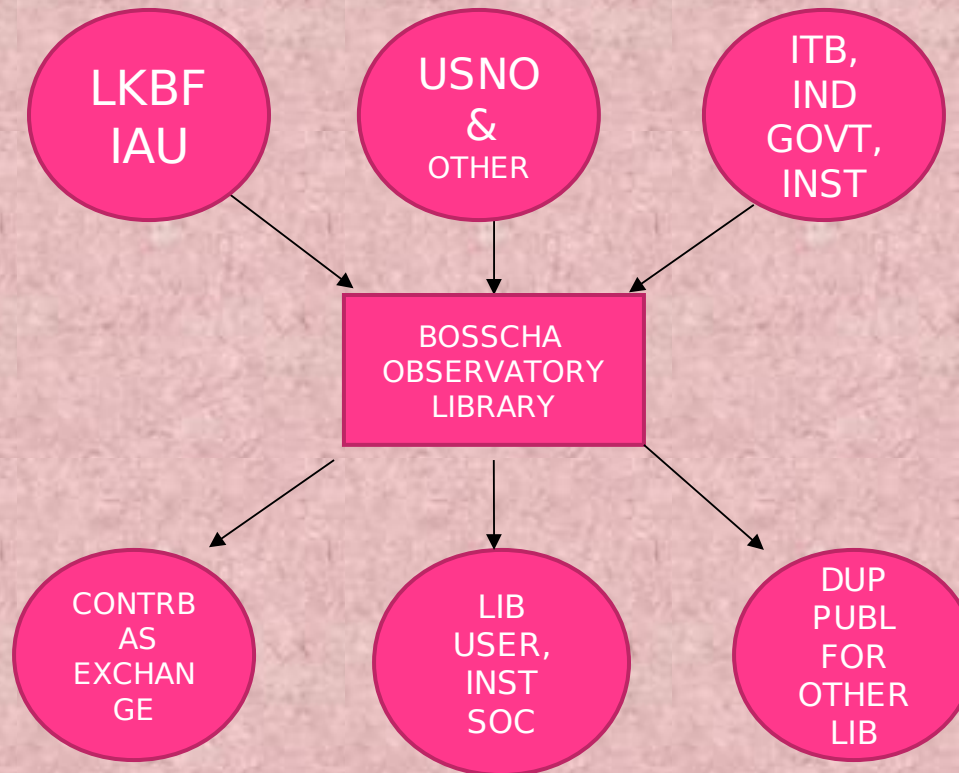


Bosscha Pub: Ind Astron. Assoc.

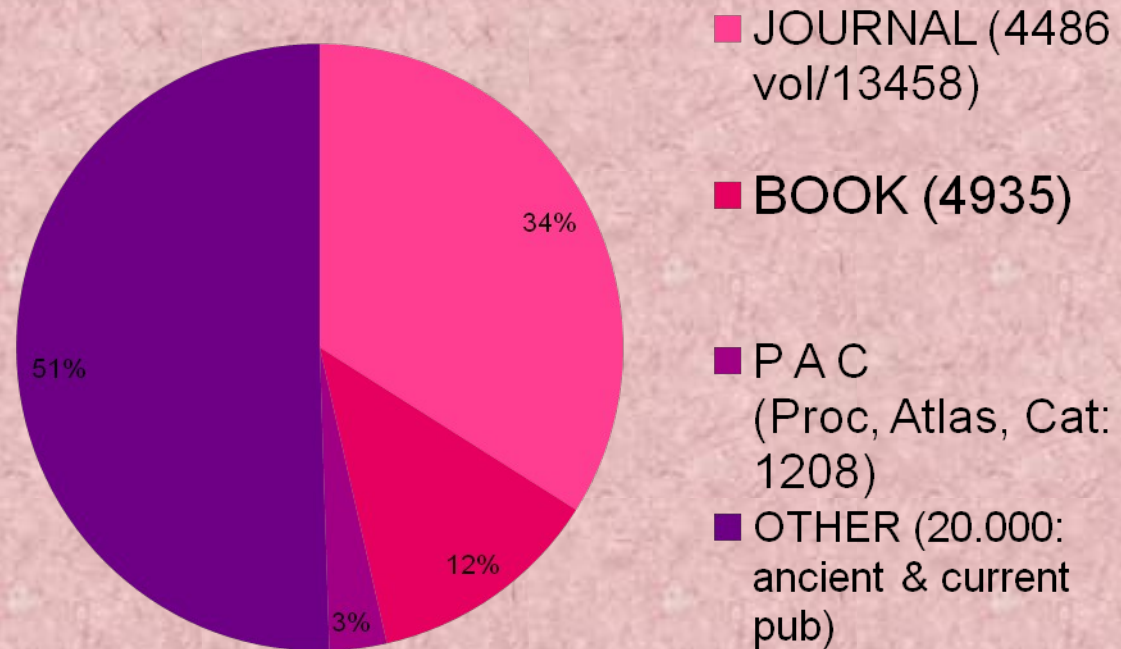


2014 Publication

LIBRARY NETWORK



LIBRARY COLLECTION



Utilization of collection: new journals, almanac, books on instrumentation, catalogue, other

DEVELOPMENT OF IT THAT CHANGES LIBRARY SERVICES



cataloguing	typewriter machine altered by computer. CDS ISIS was used since 1995 (source from ITB Central Library, (installed by Mahmuddin/Arifyanto)
Retrieval system	User come to library/telephone, move to see website, and communicate by email. SLIMS has been used since 2011, (bosscha.itb.ac.id/library , installed by Nashrulloh)
File request	copy paper has been changed to copy file, e-book , e-journal (MNRAS) or scan . Sending information by postal has been altered by e-mail

Work Activity & Detail tasks in Library



Work activity or tasks in library (1987 Report)
including:

- (1) Library Service
- (2) Binding and Reproduction
- (3) Dissemination of Information
- (4) National and International Relationship
- (5) Cleanliness and Environment Safety to
Preserve Collection.

Detail task in Diary Participation (Detail Tasks 1994-2014)



Detail Tasks (1994-2014)

- **Processing** library materials (classification and cataloguing)
- **Make list/bibliography**
- **Lending Service**
- **Correspondence**
- **Material preservation, binding or restoration;**
- **Clip and e-clip management,**
- **Non-book management** (thesis, photo, CD, atlas, etc);
- **Scanning and upload/Download**
- **Others:** Communicating colloquium, foreign guest management,
- attend a meeting, preparation of document, data and report, etc

book review and article for the purpose of dissemination of information (written by librarian)

BERITA, MARI 25 AGUSTUS 1997

Mengembara dalam Samudera Kosmik

Carl Sagan, buku pengantar tentang alam semesta

TINJAUAN BUKU

Carl Sagan, buku pengantar tentang alam semesta, diterbitkan oleh Bantam, New York, 1980, 304 halaman, hardcover, \$19.95.

Buku ini adalah salah satu karya terbaik Sagan dalam menjelaskan alam semesta. Buku ini ditulis untuk anak-anak, tetapi sangat menarik bagi orang-orang dewasa. Buku ini menjelaskan alam semesta dari awal alam semesta hingga sekarang. Buku ini menjelaskan alam semesta dari awal alam semesta hingga sekarang. Buku ini menjelaskan alam semesta dari awal alam semesta hingga sekarang.

1997: Buku ini adalah salah satu karya terbaik Sagan dalam menjelaskan alam semesta. Buku ini ditulis untuk anak-anak, tetapi sangat menarik bagi orang-orang dewasa. Buku ini menjelaskan alam semesta dari awal alam semesta hingga sekarang.

WELCOME TO BOSSCHA OBSERVATORY

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Welcome to Bosscha Observatory

FOR RESEARCH PURPOSES, BOSSCHA OBSERVATORY RECEIVES LIBRARY MATERIALS FROM THE LUXF BLEDS KOKKHOVEN BOSSCHA FOUNDATION IN THE NETHERLAND

1997: Buku ini adalah salah satu karya terbaik Sagan dalam menjelaskan alam semesta. Buku ini ditulis untuk anak-anak, tetapi sangat menarik bagi orang-orang dewasa. Buku ini menjelaskan alam semesta dari awal alam semesta hingga sekarang.

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BUKU Tak Sulit Memahami Alam Semesta

1997: Buku ini adalah salah satu karya terbaik Sagan dalam menjelaskan alam semesta. Buku ini ditulis untuk anak-anak, tetapi sangat menarik bagi orang-orang dewasa. Buku ini menjelaskan alam semesta dari awal alam semesta hingga sekarang.

ROLES & NEW ROLES OF LIBRARIAN (from the review of the tasks)



ROLES	NEW ROLES
Information Supplier and Communicator	IT EXPERT/ DIGITAL LIBRARIAN
Preservation Agent	GREEN LIVING PROMOTER
Manager	EVENT ORGANIZER
Liaison & Facilitator	ROLE MODEL & AMBASSADOR
	INNOVATOR & NETWORKER

PROBLEM & SOLUTION

PROBLEMS	SOLUTIONS
Space limitation	library collection are put in several places , need sliding shelves and expansion of space
IT skills for computer and digital work	Learn and join course of IT
Computer, scanner , software	Find better quality than the existing

CONCLUSION



Librarian of Bosscha Observatory should be active to develop the library, in its collection and system. The arrangement of shelves and room should be attractive and comfortable to accommodate the users.

The roles of librarian as information supplier and communicator, preservation agent, manager, liaison and facilitator now has been develop to be **an IT expert; event organizer; green living promoter; role models & ambassador; and innovator and networker**. New roles for librarian of Bosscha Observatory will be depend on development of IT and astronomy itself, as there are always changes in communication media and technology in the future.

ACKNOWLEDGMENT



I am indebted to the **Friend of LISA** for a travel grant and allowance, as well as to **LOC** and **SOC**.

And I would like to thank to the **Faculty** of Mathematics and Natural Sciences ITB for accommodation and registration support.

My sincere thanks go to **Director** of Bosscha Observatory, Staffs and colleagues and last but not least my husband for supporting me to attend this meeting.

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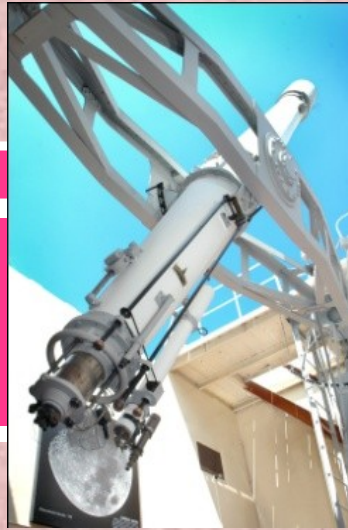
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Zeiss



Bamberg



Unitron



Solar



Goto



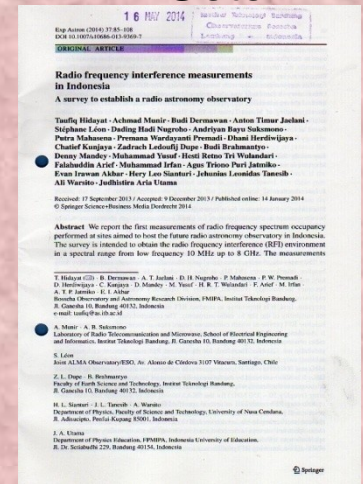
Lecture Hall



Kerkhousen House



Library



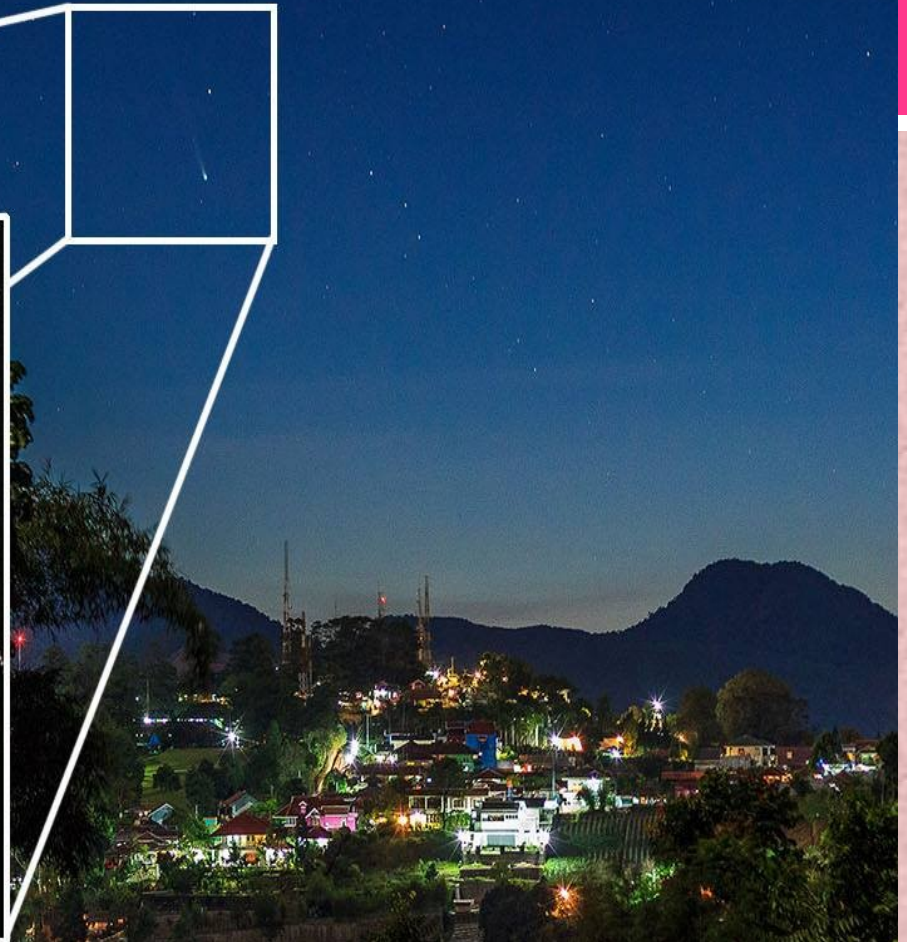
Radio freq i.m, 2014

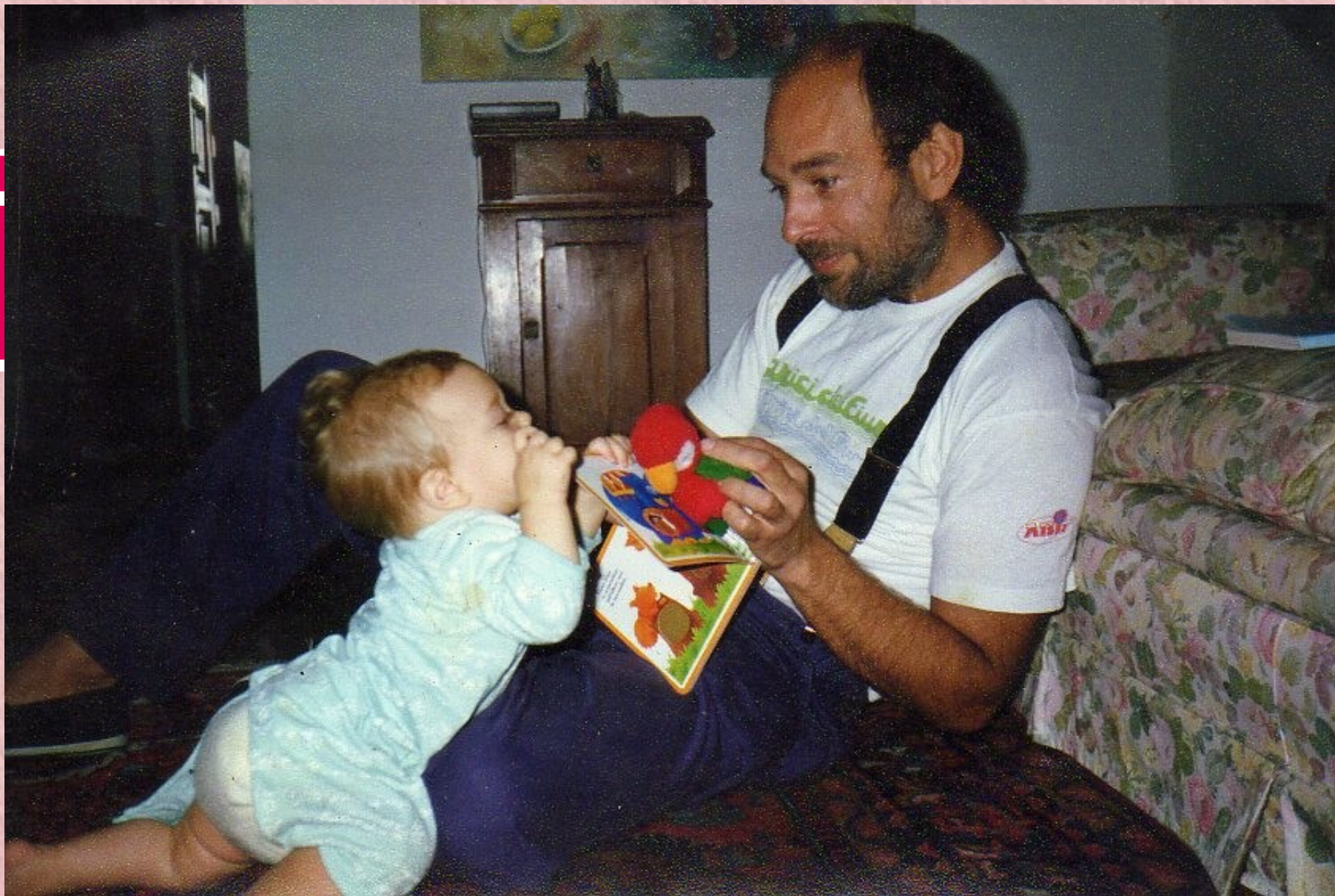
C/2012 S1 (ISON)

Bosscha Observatory, 2013/11/21 21:35 UT



William Optics Zenith Star 66 SD + SBIG ST-402MEA





G.G. Ursone (8-12-1914-23-5-1960)



GRAZIE

Thank You Very

