



Publication Year	2015
Acceptance in OA	2020-05-29T14:57:17Z
Title	LISA VII: Open Science: At the Frontiers of Librarianship
Authors	Holl, A., Lesteven, S., Dietrich, D., GASPERINI, Antonella
Handle	http://hdl.handle.net/20.500.12386/25297
Serie	ASTRONOMICAL SOCIETY OF THE PACIFIC CONFERENCE SERIES
Volume	492

**LIBRARY AND INFORMATION SERVICES IN ASTRONOMY VII:
OPEN SCIENCE AT THE FRONTIERS OF LIBRARIANSHIP**

COVER ILLUSTRATION:

Astronomical Observatory of Capodimonte, Naples, Italy.

M. Casciello, INAF–OAC.

ASTRONOMICAL SOCIETY OF THE PACIFIC
CONFERENCE SERIES

A SERIES OF BOOKS ON RECENT DEVELOPMENTS IN ASTRONOMY AND ASTROPHYSICS

Volume 492

EDITORIAL STAFF

Managing Editor: Joseph Jensen
Associate Managing Editor: Jonathan Barnes
Publication Manager: Blaine Haws
Editorial Assistant: Cindy Moody
Publication Consultant: Pepita Ridgeway

MS 179, Utah Valley University, 800 W. University Parkway, Orem, Utah 84058-5999
Phone: 801-863-8804 E-mail: aspcs@aspbooks.org
E-book site: <http://www.aspbooks.org>

PUBLICATION COMMITTEE

William Cochran, Co-chair
University of Texas at Austin

Christine Jones, Co-chair
Smithsonian Astrophysical Observatory

Jill Bechtold
University of Arizona

Marsha J. Bishop
National Radio Astronomy Observatory

Ed Guinan
Villanova University

Lynne Hillenbrand
California Institute of Technology

Doug Leonard
San Diego State University

Travis Rector
University of Alaska Anchorage

ASPCS volumes may be found online with color images at <http://www.aspbooks.org>.
ASP Monographs may be found online at <http://www.aspmonographs.org>.

For a complete list of ASPCS Volumes, ASP Monographs, and
other ASP publications see <http://www.astrosociety.org/pubs.html>.

All book order and subscription inquiries should be directed to the ASP at
800-335-2626 (toll-free within the USA) or 415-337-2126,
or email service@astrosociety.org

ASTRONOMICAL SOCIETY OF THE PACIFIC
CONFERENCE SERIES

Volume 492

**LIBRARY AND INFORMATION SERVICES
IN ASTRONOMY VII:
OPEN SCIENCE
AT THE FRONTIERS OF LIBRARIANSHIP**

Proceedings of a Proceedings of a conference held in held at
Astronomical Observatory of Capodimonte, Naples, Italy
17–20 June 2014

Edited by

András Holl

*Library and Information Centre, Hungarian Academy of Sciences
Konkoly Observatory, Hungarian Academy of Sciences*

Soizick Lesteven

CDS, Observatoire astronomique de Strasbourg, Strasbourg, France

Dianne Dietrich

Cornell University Library, Ithaca, New York, USA

Antonella Gasperini

INAF — Arcetri Astrophysical Observatory, Florence, Italy



SAN FRANCISCO

ASTRONOMICAL SOCIETY OF THE PACIFIC

390 Ashton Avenue
San Francisco, California, 94112-1722, USA

Phone: 415-337-1100
Fax: 415-337-5205
E-mail: service@astrosociety.org
Web site: www.astrosociety.org
E-books: www.aspbooks.org

First Edition
© 2015 by Astronomical Society of the Pacific
ASP Conference Series
All rights reserved.

No part of the material protected by this copyright notice may be reproduced or utilized in any form or by any means—graphic, electronic, or mechanical, including photocopying, taping, recording, or by any information storage and retrieval system—without written permission from the Astronomical Society of the Pacific.

ISBN: 978-1-58381-868-8
e-book ISBN: 978-1-58381-869-5

Library of Congress (LOC) Cataloging in Publication (CIP) Data:
Main entry under title
Library of Congress Control Number (LCCN): 2014956308

Printed in the United States of America by Sheridan Books, Ann Arbor, Michigan.
This book is printed on acid-free paper.

Contents

Preface	xi
Participants	xiii
Conference Photograph	xviii
Committees and Sponsors	xx

Part I. Introduction

Present and Future of Astronomy Journals	3
<i>C. M. Walmsley</i>	
2014 Physics-Astronomy-Mathematics (PAM) Division Award	8
<i>K. A. Lehman, K. Robertson, and D. Kolah</i>	

Part II. Data Librarianship: Research Data Curation and Preservation

Working Together at CDS: The Symbiosis Between Astronomers, Documentalists, and IT Specialists	13
<i>E. Perret, T. Boch, F. Bonnarel, C. Bot, M. Buga, M. Brouty, C. Bruneau, C. Brunet, L. Cambresy, S. Derrière, A. Eisele, P. Fernique, F. Genova, S. Guéhenneux, G. Landais, S. Lesteven, C. Loup, M. Neuville, A. Oberto, F. Ochsenbein, P. Ocvirk, F.-X. Pineau, A. Schaaff, A. Siebert, A.-C. Simon, E. Son, P. Vannier, B. Vollmer, P. Vonflie, M. Wenger, and F. Woelfel</i>	
A New Geodetic Research Data Management System at the Hartebeesthoek Radio Astronomy Observatory	22
<i>G. L. Coetzer, R. C. Botha, W. L. Combrinck, and S. C. Fourie</i>	
Data Scientist Training for Librarians	31
<i>C. Erdmann</i>	
CRIS-INAF as a Result of a Fruitful Collaboration among ITs, Librarians, and Researchers	38
<i>E. Konomi, and M. Marra</i>	
How Documentalists Update SIMBAD	47
<i>M. Buga, C. Bot, M. Brouty, C. Bruneau, C. Brunet, L. Cambresy, A. Eisele, F. Genova, S. Lesteven, C. Loup, M. Neuville, A. Oberto, F. Ochsenbein, E. Perret, A. Siebert, E. Son, P. Vannier, B. Vollmer, P. Vonflie, M. Wenger, and F. Woelfel</i>	

Adapting Educational Materials in Data Management for Astronomy Graduate Students	52
<i>D. Dietrich</i>	
Management of Catalogs at CDS	57
<i>G. Landais, T. Boch, M. Brouty, S. Guéhenneux, F. Genova, S. Lesteven, F. Ochsenbein, P. Ocvirk, E. Perret, F.-X. Pineau, A.-C. Simon, and P. Vannier</i>	

Part III. Metrics and Visualizations

ESO telbib: Linking In and Reaching Out	63
<i>U. Grothkopf, and S. Meakins</i>	
Observatory Bibliographies: Toward Multi-usage and Better Metrics	71
<i>A. H. Rots, and S. L. Winkelman</i>	
Computing and Using Metrics in the ADS	80
<i>E. A. Henneken, A. Accomazzi, M. J. Kurtz, C. S. Grant, D. Thompson, J. Luker, R. Chyla, A. Holachek, and S. S. Murray</i>	
Using ADS for Creating Bibliographies of Research Institutions	85
<i>D. Egret, A. Laurenceau, and A. Accomazzi</i>	
A Bibliometric Analysis of Observatory Publications 2008–2012	90
<i>D. R. Crabtree</i>	
Best Practices for Creating an Observatory or Telescope Bibliography from the IAU Commission 5 Working Group on Libraries	99
<i>J. Lagerstrom</i>	
IACPub: The IAC Publications Archive	105
<i>J. A. Pérez-Prieto, and M. Gómez</i>	
Quantifying the CV: Adapting an Impact Assessment Model to Astronomy	113
<i>K. A. Bohémier</i>	
Productivity of Indian Telescopes: Impact Analysis through Scientometric Methods	118
<i>B.M. Meera, and M. Manjunath</i>	
A Scientometric Study of Research Papers Published by Visiting Associates of IUCAA, Pune, India during 2003–2013	123
<i>V. K. Rai, K. P. S. Senger, and S. K. Pathak</i>	
Astronomy Research in IUCAA: A Scientometric Study of the Papers Published by IUCAA Academics during 1993–2013	128
<i>V. K. Rai, and K. P. S. Senger</i>	
Swift Publication Statistics and the Comparison with Other Major Observatories .	133
<i>S. Savaglio, and U. Grothkopf</i>	
Tracking Publications Based on Telescope Sharing among Gemini, Subaru, and Keck: An Update	137
<i>X. Zhang, E. Tsang, and P. Kamisato</i>	

Part IV. Preservation of Astronomical Heritage and History of Astronomy

The AstroBID: Searching through the Italian Astronomical Heritage	143
<i>E. Olostro Cirella, M. Gargano, A. Gasperini, A. Mandrino, D. Randazzo, and V. Zanini</i>	
Saving the Orphaned Astronomical Literature	150
<i>D. M. Thompson, E. A. Henneken, C. S. Grant, A. Holachek, A. Accomazzi, M. J. Kurtz, R. Chyla, J. Luker, S. S. Murray</i>	
Retrospective Conversion of Solar Data Printed in “Synoptic Maps of the Solar Chromosphere”: A Scientific and Librarianship Project	155
<i>A. Laurenceau, J. Aboudarham, and C. Renié</i>	
Cosmic Ink: Fragments from the Past on Journal Pages	163
<i>A. Mandrino, M. Gargano, and A. Gasperini</i>	
A Case of Racial Discrimination: Azeglio Bemporad, Astronomer Poet	167
<i>A. Mangano</i>	
The Manipulation of Images in Ancient Books: The Case of Sacrobosco’s <i>De Sphaera Mundi</i>	173
<i>E. Olostro Cirella, and A. Rinaldi</i>	
The Rare Book Collection of Capodimonte Astronomical Observatory Will be on the Web: Ancient Science Available to Everyone	178
<i>E. Olostro Cirella, and G. Caprio</i>	
Preservation of Chinese Print Astronomical Literature in the Digital and Network Age	182
<i>J. Zhang, W. Shi</i>	

Part V. Tools, Techniques, and Skills

ADS: The Next Generation Search Platform	189
<i>A. Accomazzi, M. J. Kurtz, E. A. Henneken, R. Chyla, J. Luker, C. S. Grant, D. M. Thompson, A. Holachek, R. Dave, and S. S. Murray</i>	
Koha@ESO Reloaded	198
<i>S. Meakins, and U. Grothkopf</i>	
Management of the Unified Astronomy Thesaurus	204
<i>K. Frey, C. Erdmann, A. Accomazzi, L. Rubin, C. Biemesderfer, N. Gray, J. Soles</i>	
Enabling Meaningful Affiliation Searches in the ADS	208
<i>C. S. Grant, D. M. Thompson, R. Chyla, A. Holachek, A. Accomazzi, E. A. Henneken, M. J. Kurtz, J. Luker, and S. S. Murray</i>	
Enhancing Access to Audio and Video Collections of Raman Research Institute Library through Digitization	212
<i>M.N. Nagaraj, V. J. Benegal, M.K. Bhandi</i>	

- TWiki: A Collaborative Space of Internal Documentation, an Efficient Way to Work Together 216
E. Son, A. Eisele, A. Schaaff, L. Miguel, E. Perret, M. Brouty, C. Bruneau, C. Brunet, M. Buga, F. Genova, S. Guéhenneux, S. Lesteven, C. Loup, M. Neuville, A. Oberto, P. Vannier, P. Vonflie, and F. Woelfel

Part VI. Changing Practices in a Changing World

- Research Goes On: Post-Observatory Astronomy Resources in Helsinki 223
E. Isaksson
- New Roles for the Librarian of Bosscha Observatory: Review of Tasks in Library over Two Decades 232
E. Sulistialie
- POP: Publications by the Observatoire de Paris 237
C. Brocquet, F. Henry, and A. Laurenceau
- The Astronomy Collections: From the Project to the Laboratory 243
L. Bobis
- The Library Treasure Hunt: Reach for the Stars. Introducing First Year Students to the Landscape of Scientific Information 248
C. Enestarte, E. Jurlander, C. Andersson, K. Holmin Verdozzi, and N. Reistad
- Creating an Astronomical Library for a Small Community: The TNG Experience 254
M. Martín Rodríguez, and A. Magazzù
- Building and Managing Electronic Resources in Digital Era in India with Special Reference to IUCAA and NIV, Pune: A Comparative Case Study 257
H. K. Sahu, and S. N. Singh
- The “Giovanni Santini” Library, Padua Astronomical Observatory: The Adapting Library 262
V. Zanini, C. Toniolo, and A. Satta

Part VII. Use and Access of Astronomical Literature

- Bibliographic Data in Astronomy: Experience with the IBVS Reference List Revision 269
A. Holl
- ACNP and NILDE: Essential Tools for Access to Scientific Research 275
F. Brunetti, O. Bonora, and G. Filippucci
- A New Bibliographical Feature for SIMBAD: Highlighting the Most Relevant Papers for One Astronomical Object 284
A. Oberto, S. Lesteven, S. Derriere, C. Bonnini, M. Buga, M. Brouty, C. Bruneau, C. Brunet, A. Eisele, F. Genova, S. Guéhenneux, M. Neuville, F. Ochsenbein, E. Perret, E. Son, P. Vannier, P. Vonflie, M. Wenger, and F. Woelfel

Digitising the Patrimonial Collections of the Paris Observatory Library	291
<i>A. Laurenceau</i>	

Part VIII. Journals and E-books: The Present and Beyond

When the Future Becomes the Past: Where will our Print Collection Be in 2050?	299
<i>S. Bosken</i>	
Things Change, People Change, Libraries Go on: E-books or Not E-books?	306
<i>F. Martines</i>	
Enhancing Astronomy Studies by Using IUCAA Video Lectures in the Student Community	314
<i>N. Narayanasamy, and N. Bawdekar</i>	
The Acquisition of Electronic Books in the Area of Astronomy in the UNAM	317
<i>B. Juarez</i>	

Part IX. Open Access and Open Science

416492 ORCID IDs and Counting: Uptake by the Astronomical Community	323
<i>J. Holmquist, C. Erdmann, and J. Damon</i>	

Part X. Publishing and Publishers

EDP Sciences and Astronomy & Astrophysics: A Partnership for the Benefit of the Scientific Community	333
<i>A. Henri</i>	

Part XI. Future of LISA

Discussion on the Future of LISA Conferences	339
<i>U. Grothkopf, and J. Holmquist</i>	

Preface

The seventh LISA conference was certainly a memorable one. Participants will remember the dramatic thunderclaps during the opening talk, the evening vista of the Bay of Naples, and the calm and the splendour of the old observatory on the top of the hill with its magnificent museum collection. We all share memories of the busy decumani of the old city and the cool catacombs underneath it, mementoes of the past, and scenes of the present, inhabited and living, busy and giving room for aspiration and hope.

Though some of the participants do work together and most of us follow the same mailing lists, this conference gave us a chance to meet — to meet again, or meet for the first time. And our many snapshots, made by cameras or mentally, shared on the internet and inserted as illustrations to this volume, will be the images we associate with our colleagues for the years to come. These proceedings will also serve as a record of the varied interesting and engaging talks and posters presented during our week in Naples.

This was the conference where the Special Libraries Association Physics–Astronomy–Math Division award for the LISA conference series was announced: the reader will find the laudation in this volume. The award reminds us that LISA has become an institution, thanks to all of those who have organized the previous conferences, created the LISA manual, and contributed to LISA in many different ways. We also discussed the future of LISA at this conference: a summary of the discussion held at the end of the conference is part of this proceedings as well.

The times are a-changin': the ways of doing science are transforming rapidly, and astronomers are typically at the forefront of these changes. Astronomy librarians, data scientists, and informaticians have to follow their patrons wherever they go — and sometimes go there even before the patrons go, acting as pathfinders in certain uncharted parts of scholarly communication and record keeping. The reader will find — just as in the proceedings of previous LISA conferences — several contributions about the changes brought on by technology, the digital metamorphosis and changing media, including warnings of some of its perils and laments of the days gone by. Prophecies of the coming virtual age could be found as well in this volume, from ways of freeing scholarly communication from paper, ink, and post to liberating scientific data from the vaults of observatories.

Meanwhile, librarians chronicle and share their plight and battles, victories and inventions, and not in the least, their daily practices. Practices that are undeniably and unstoppably evolving, even if it sometimes takes a somewhat slower pace than was forecasted before. It is edifying to peruse the volumes of proceedings of previous LISA meetings: they are documents chronicling the development of scientific communication and librarianship. We hope that this book, read in hand or on the screen, will be useful for us informaticians, librarians, and even for some astronomers, during the next few years, before it fades into the record on the status of astronomy librarianship in year MMXIV.

The Editors, October 2014

Participants

- A. ACCOMAZZI, Astrophysics Data System (ADS), Smithsonian Astrophysical Observatory, 60 Garden St. MS 67, Cambridge, MA 02138, USA
< aaccomazzi@cfa.harvard.edu >
- L. N. AKERHOLT, University of Oslo Library, P.O. Box 1029 Blindern, N-0315 Oslo, Norway
< l.n.akerholt@ub.uio.no >
- N. ANILKUMAR, Physical Research Library, Navrangpura, Opposite Girls Polytechnic, Ahmedabad 380 009, India
< nishtha@prl.res.in >
- V. J. BENEGAL, Raman Research Institute, Library, C V Raman Avenue, Sadashivanagar, Bangalore
< vrinda@rri.res.in >
- S. BENNETT, South African Astronomical Observatory, Observatory Road, Western Cape, 7925 South Africa
< samantha@sao.ac.za >
- E. BLANK, Max-Planck-Institut für Astrophysik / MPI für Extraterrestrische Physik, Karl-Schwarzschild-Str. 1, D-85748 Garching, Germany
< eblank@mpa-garching.mpg.de >
- K. BOHÉMIER, Yale University, Center for Science and Social Science Information, 219 Prospect St., New Haven, CT, 06520, USA
< kayleigh.bohemier@yale.edu >
- S. BOSKEN, U. S. Naval Observatory Library, 3450 Massachusetts Ave NW, Washington DC 20392, USA
< bosken.sally@usno.navy.mil >
- C. BROQUET, Observatoire de Paris, Bibliothèque, 61 avenue de l'Observatoire, Paris, 75014 France
< christophe.brocquet@obspm.fr >
- M. BROUTY, CDS, Observatoire astronomique de Strasbourg, 11 rue de l'Université, 67000 Strasbourg, France
< marianne@astro.u-strasbg.fr >
- F. BRUNETTI, INAF — Arcetri Astrophysical Observatory Library, Largo E. Fermi n. 5, 50125 Firenze, Italy
< france@arcetri.astro.it >
- M. C. BUGA, CDS, Observatoire Astronomique de Strasbourg, 11 rue de l'Université 67000 Strasbourg, France
< mihaela.buga@astro.unistra.fr >
- G. BURKHARDT, Astronomisches Rechen-Institut Heidelberg / Zentrum für Astronomie der Universität Heidelberg, Mönchhofstr. 12–14, D-69120 Heidelberg, Germany
< Burkhardt@ARI.UNI-Heidelberg.de >
- G. L. COETZER, Hartebeesthoek Radio Astronomy Observatory, Library and Information Services, P.O. Box 443. Krugersdorp 1740, Gauteng, South Africa
< glenda@hartrao.ac.za >
- D. CRABTREE, National Research Council Canada, 5071 West Saanich Road, Victoria, V9E 2E7 Canada
< Dennis.Crabtree@nrc.ca >
- J. DAMON, Harvard–Smithsonian Center for Astrophysics, Wolbach Library, 60 Garden Street, Cambridge, MA 02138, USA
< jamesgdamon@gmail.com >
- F. DENOTTI, INAF — Osservatorio astronomico di Cagliari, Library, Via della Scienza, n.5, Selargius – (CA), 9047 Italy
< denotti@oa-cagliari.inaf.it >
- D. DEPOORTERE, Pontificia Universidad Católica de Chile, Library Campus Oriente, Av. Jaime Guzman Errazuriz 3300, Santiago, Chile
< ddepoort@puc.cl >

- D. DIETRICH, Cornell University, Library, 291 Clark Hall, New York, 14850 USA
 < dd388@cornell.edu >
- S. DONGARE, National Centre for Radio Astrophysics, SIRC, Pune University Campus,
 Ganeshkhind, Pune 411007, Pune 410 504, India < dsanjay@gmrt.ncra.tifr.res.in >
- D. EGRET, Observatoire de Paris, LUTH, 61 avenue de l’Observatoire, Paris, 75014
 France < Daniel.Egret@obspm.fr >
- A. EISELE, CDS, Observatoire Astronomique de Strasbourg, 11 rue de l’Université,
 67000 Strasbourg, France < aline.eisele@astro.unistra.fr >
- C. ENESTARRE, Lund University, Physics Department, Physics and Astronomy Library,
 Professorgatan 1, 223 62 Lund, Sweden < carina.enestarre@fysik.lu.se >
- C. ERDMANN, Harvard–Smithsonian Center for Astrophysics, John G. Wolbach Library,
 60 Garden Street, Cambridge, MA 02138, USA < cerdmann@cfa.harvard.edu >
- M. FERRUCCI, INAF — Osservatorio Astronomico di Roma, Library, Via Frascati, 33,
 Monte Porzio Catone, 00040 Roma, Italy < marco.ferrucci@oa-roma.inaf.it >
- K. FREY, Harvard–Smithsonian Center for Astrophysics, John G. Wolbach Library, 60
 Garden Street, Cambridge, MA 02138, USA < kfrey@cfa.harvard.edu >
- M. GARGANO, INAF — Osservatorio Astronomico di Capodimonte, Salita Moiarriello
 16, I-80131 Napoli, Italy < gargano@oacn.inaf.it >
- A. GASPERINI, INAF — Arcetri Astrophysical Observatory Library, Largo E. Fermi n.
 5, 50125 Firenze, Italy < gasperi@arcetri.astro.it >
- M. GOMEZ, Instituto de Astrofísica de Canarias, C/ Vía Láctea, s/n, La Laguna,
 E-38200 Tenerife, Spain < mog@iac.es >
- U. GROTHKOPF, European Southern Observatory (ESO) Library,
 Karl-Schwarzschild-Str. 2, D-85748 Garching, Germany < uta.grothkopf@eso.org >
- W. GUNN, Mendeley/Elsevier, Menlo Park, California, United States
 < william.gunn@mendeley.com >
- R. HANISCH, Space Telescope Science Institute / US Virtual Astronomical Observatory,
 Science Mission Office, 3700 San Martin Drive, Baltimore, MD, 21218 USA
 < hanisch@stsci.edu >
- C. HARDT, Max-Planck-Institut für Astrophysik, Library, Karl-Schwarzschild-Str. 1,
 D-85748 Garching, Germany < hardt@mpa-garching.mpg.de >
- E. HENNEKEN, Astrophysics Data System (ADS), Smithsonian Astrophysical
 Observatory, 60 Garden St. MS 67, Cambridge, MA 02138, USA
 < ehenneken@cfa.harvard.edu >
- A. HENRI, EDP Science, 17 avenue du Hoggar, 91944 Les Ulis cedex A, France
 < agnes.henri@edpsciences.org >
- A. HOLL, Konkoly Observatory, MTA CsFK CsI & Library and Information Centre,
 Hungarian Academy of Sciences, Arany J. u. 1., H-1051 Budapest, Hungary
 < holl.andras@konyvtar.mta.hu >
- J. HOLMQUIST, Princeton University, Lewis Science Library, Washington Road & Ivy
 Lane, Princeton University, Princeton, NJ 08544, USA < jane@princeton.edu >

- E. ISAKSSON, University of Helsinki, Helsinki University Library, Kumpula Campus Library, PO Box 64, 00014 University of Helsinki, Finland
<Eva.Isaksson@helsinki.fi>
- M. E. JIMÉNEZ-FRAGOZO, UNAM, Instituto de Astronomía, Biblioteca, Km. 103 Carretera Tijuana-Ensenada, 22860 Ensenada B.C., Mexico
<jimenez@astrosen.unam.mx>
- B. JUAREZ, UNAM, Instituto de Astronomía, Library, Circuito Exterior, Área de la investigación Científica, Ciudad Universitaria Distrito Federal, 4500 Mexico
<bjuarez@astro.unam.mx>
- E. JURLANDER, Lund University, Physics and Astronomy Library, Sölvegatan 27, Lund (Town), SE-221 00, Sweden <eva@astro.lu.se>
- B. KERN, University of Chicago, John Crerar Library, 5730 South Ellis Ave, Chicago, 60637, USA <bkern@uchicago.edu>
- K. KROFFE, Institute of Physics Publishing, 1325 G St., NW, Washington, DC, 2005 USA <DC.Temp@iop.org>
- J. LAGERSTROM, Space Telescope Science Institute, Library, 3700 San Martin Drive, Baltimore, MD, 21218, USA <lagerstrom@stsci.edu>
- G. LANDAIS, CDS, Observatoire Astronomique de Strasbourg, 11 rue de l'Université, 67000 Strasbourg, France <gilles.landais@unistra.fr>
- R. LAPOTRE, École Nationale Supérieure des Sciences de l'Information et des Bibliothèques, 62, rue Crillon, Rhône-Alpes, France
<raphaelle.lapotre@gmail.com>
- A. LAURENCEAU, Observatoire de Paris, Bibliotheque, 61 Avenue de l'Observatoire, 75014 Paris, France <amelia.laurenceau@obspm.fr>
- S. LESTEVEN, CDS, Observatoire Astronomique de Strasbourg, 11 rue de l'Université, 67000 Strasbourg, France <lesteven@astro.u-strasbg.fr>
- L. MALAVER, Pontificia Universidad Católica de Chile, Biblioteca Gauss, 4860 Vicuña Mackenna Ave., Santiago, 8320000, Chile <lmalaver@uc.cl>
- A. MANDRINO, INAF — Osservatorio Astronomico di Brera, Via Brera, 28, 20121 Milano, Italy <agnese.mandrino@brera.inaf.it>
- A. MANGANO, INAF — Osservatorio Astrofisico di Catania, Biblioteca, Via S. Sofia 78, 95123, Catania, Italy <angela.mangano@oact.inaf.it>
- M. MARRA, INAF — Osservatorio Astronomico di Bologna, Via Ranzani 1, 40127 Bologna, Italy <monica.marra@oabo.inaf.it>
- M. MARTIN RODRIGUEZ, INAF — Fundación Galileo Galilei, Rambla José Ana Fernández Pérez, 7, S/C Tenerife, 38712 Spain <mave@tng.iac.es>
- F. MARTINES, INAF — Osservatorio Astronomico di Palermo, Library, Piazza del Parlamento 1, 90134 Palermo, Italy <martines@astropa.unipa.it>
- P. MASSIMINO, INAF — Osservatorio Astrofisico di Catania, Via S. Sofia 78, 95123, Catania, Italy <pietro.massimino@oact.inaf.it>
- S. MEAKINS, European Southern Observatory (ESO) Library, Karl-Schwarzschild-Str. 2, D-85748 Garching, Germany <smeakins@eso.org>

- B. M. MEERA, Raman Research Institute, Library, C V Raman Avenue,
Sadashivanagar, Bangalore < meera@rri.res.in >
- M. N. NAGARAJ, Raman Research Institute, Library, C. V. Raman Avenue
Sadashivanagar, Bangalore 560 080, India < nagaraj@rri.res.in >
- N. MANPREET SINGHJ, Government PG College Ambala, Haryana, India, Library, Durga
Nagar Hissar Road, Ambala, Haryana, 134003, India
< mailmanpreetsingh7@rediffmail.com >
- N. NAGESWARAN, Inter-University Centre for Astronomy and Astrophysics, Post Bag
No., 4, Ganeshkhind, Pune 411 007, India < nagesh@iucaa.ernet.in >
- L. H. NIELSEN, CERN, Geneva 23, CH-1211, Switzerland < lars.holm.nielsen@cer.ch >
- A. OBERTO, CDS, Observatoire Astronomique de Strasbourg, 11 rue de l'Université,
67000 Strasbourg, France < lanais.oberto@astro.unistra.fr >
- R. ODERYCHEV, Toiminimi Riikka O, Ilkantie 11 D 32, 00400 Helsinki, Finland
< riikka.oderychev@gmail.com >
- S. OJALA, Via- Sign Language Cooperative, Helsinki, Finland
< stina.ojala@icloud.com >
- E. OLOSTRO CIRELLA, INAF — Osservatorio Astronomico di Capodimonte, Library,
Salita Moiariello 16, I-80131 Napoli, Italy < olostro@oacn.inaf.it >
- C. PAUL, INAF — Arcetri Astrophysical Observatory Library, Largo E. Fermi n. 5,
50125 Firenze, Italy < cpaul@arcetri.astro.it >
- A. PEPE, Authorea, < alberto.pepe@gmail.com >
- J. A. PÉREZ-PRieto, Instituto de Astrofísica de Canarias, C/ Vía Láctea, s/n, La
Laguna, E-38200 Tenerife, Spain < japp@iac.es >
- E. PERRET, CDS, Observatoire Astronomique de Strasbourg, 11 rue de l'Université,
67000 Strasbourg, France < emmanuelle.perret@astro.unistra.fr >
- E. PIEDIPALUMBO, Università degli Studi di Napoli Federico II- Dipartimento di Fisica,
Via Cinthia 1 - Complesso Monte S. Angelo, 80126 Napoli, Italy
< ester.piedipalumbo@unina.it >
- S. PROSSER, Royal Astronomical Society, Library, Burlington House, Piccadilly,
London W1J 0BQ, United Kingdom < sp@ras.org.uk >
- V. K. RAI, Inter-University Centre for Astronomy and Astrophysics, Post Bag No., 4,
Ganeshkhind, Pune 411 007, India < vkrai@iucaa.ernet.in >
- A. K. ROBERTSON, University of Hawaii, Institute for Astronomy Manoa Library, 2680
Woodlawn Drive, Honolulu, Hawaii, 96822, USA < roberts@ifa.hawaii.edu >
- A. ROMANYSHYN, SPIE Digital Library, 1000 20th Street, Bellingham WA 98225-6705
USA < allisonr@spie.org >
- A. ROTS, Harvard-Smithsonian Center for Astrophysics, Chandra X-ray Center, 60
Garden Street — MS 67, Massachusetts, MA 02138, USA
< arots@cfa.harvard.edu >
- L. RUBIN, Harvard-Smithsonian Center for Astrophysics, John G. Wolbach Library, 60
Garden Street — MS 67, Massachusetts, MA 02138, USA
< mrubin@cfa.harvard.edu >

- H. K. SAHU, Inter-University Centre for Astronomy and Astrophysics, Post Bag No., 4, Ganeshkhind, Pune 411 007, India <hksau@iucaa.ernet.in>
- L. SANTAGATI, INAF — Osservatorio Astrofisico di Catania, Biblioteca, Via S. Sofia 78, 95123, Catania, Italy <gsantagati@oact.inaf.it>
- L. SCHIAVONE, INAF — Osservatorio Astrofisico di Torino, Biblioteca, Via Osservatorio 20, Pino Torinese, TO, 10025, Italy <schiaivone@oato.inaf.it>
- A. SIMONEAU, EDP Science, 17 avenue du Hoggar, 91944 Les Ulis cedex A, France <anne.simoneau@edpsciences.org>
- K. SOLDANOVA, Astronomical Institute, Czech Academy of Sciences, Library, Fricova 298, Ondrejov, 25165, Czech Republic <katka@asu.cas.cz>
- E. SON, CDS, Observatoire Astronomique de Strasbourg, 11 rue de l'Université, 67000 Strasbourg, France <evelyne.son@astro.unistra.fr>
- J. STEFFEN, American Astronomical Society, 2000 Florida Ave NW Suite 300, Washington, DC, 20009, USA <julie.steffen@aas.org>
- E. SULISTIALIE, Bosscha Observatory, FMIPA-ITB, Library, Jalan Peneropongan Bintang, West Java, Lembang-Bandung 40391, Indonesia <ely@as.itb.ac.id>
- R. SVASKOVA, Astronomical Institute, Czech Academy of Sciences, Library, Fricova 298, Ondrejov, 25165, Czech Republic <bibl@asu.cas.cz>
- C. TAKACS, Laboratoire atmospheres, milieux, observations spatiales, Library, 11 bd d'Alembert, Guyancourt, 78280, France <cecile.takacs@latmos.ipsl.fr>
- M. THIES, Leibniz-Institut für Astrophysik Potsdam, Library, An der Sternwarte 16, 14482 Potsdam, Germany <mthies@aip.de>
- D. THOMPSON, Harvard-Smithsonian Center for Astrophysics, ADS, 60 Garden Street, Cambridge, MA 02138, USA <dthompson@cfa.harvard.edu>
- C. TONIOLO, INAF — Osservatorio Astronomico di Padova, Biblioteca, Vicolo dell'Osservatorio, 5, Padova, 35122, Italy <claudia.toniolo@oapd.inaf.it>
- M. WHITE, University of Texas at Austin, University of Texas Libraries, 1 University Station S5400, Austin, TX 78712, USA <mwhite@mail.utexas.edu>
- J. ZHANG, Purple Mountain Observatory, Chinese Academy of Sciences, 2 West Beijing Rd., Nanjing 210008, The Peoples Republic of China <Jzhang@pmo.ac.cn>
- X. ZHANG, AURA-Gemini Observatory, 670 N. A'ohoku Place, Hilo, HI 96720, USA <xzhang@gemini.edu>
- M. ZOULIAS, Research Center for Astronomy of the Academy of Athens, IT & Public Outreach, Soranou Efessiou 4, Athens, GR-16346, Greece <mzoulia@academyofathens.gr>



- | | | |
|---|------------------------|-----------------------|
| 1. Andrea Di Dato | 14. Soizick Lesteven | 27. Carina Enestarre |
| 2. Jane Holmquist | 15. Daniel Egret | 28. Eva Isaksson |
| 3. Nella Ferrigno | 16. Nishtha Anilkumar | 29. Emmanuelle Perret |
| 4. Llewellyn Bennett (Samantha's husband) | 17. Gilles Landais | 30. Aline Eisele |
| 5. Celina Paul | 18. Robert Hanisch | 31. Elisabeth Blank |
| 6. Vrinda J. Benegal | 19. Uta Grothkopf | 32. Evelyne Son |
| 7. Samantha Bennett | 20. Anaïs Oberto | 33. Arnold Rots |
| 8. Radoslava Svaskova | 21. Elyani Sulistialie | 34. Mihaela Buga |
| 9. Emilia Olostro Cirella | 22. Marianne Brouty | 35. Katie Frey |
| 10. David Brown | 23. András Holl | 36. Sally Bosken |
| 11. Katerina Soldanova | 24. Kathleen Robertson | 37. waiter |
| 12. Jill Lagerstrom | 25. Christiane Hardt | 38. Lucina Malaver |
| 13. James Damon | 26. Eva Jurlander | 39. Franca Denotti |



40. Louise Rubin
 41. Massimo Della Valle
 42. Cécile Takacs
 43. Denise Depoortere
 44. Francesco Rea
 45. Donna Thompson
 46. Angela Mangano
 47. Kerry Kroffe
 48. Piero Massimino
 49. Molly White
 50. Silvia Meakins
 51. Claudia Toniolo
 52. Lars Holm Nielsen
 53. Francesca Brunetti
 54. Edwin Henneken
 55. Luisa Schiavone
 56. Chris Erdmann
 57. Dennis Crabtree

58. Francesca Martines
 59. William Gunn
 60. Alberto Accomazzi
 61. Agnese Mandrino
 62. Jorge Andrés Pérez Prieto
 63. Marcel Thies
 64. Monique Gomez
 65. Alberto Pepe
 66. Mave Martín Rodriguez
 67. Jian Zhang
 68. Amelia Laurenceau
 69. Xiaoyu Zhang
 70. Luigia Santagati
 71. Christophe Brocquet
 72. Marco Ferrucci
 73.
 74. Antonella Gasperini
 75. Mauro Gargano

76. Allison Romanyshyn
 77. Glenda Coetzer
 78. Dianne Dietrich
 79. Raphaëlle Lapotre
 80.
 81. Malcolm Walmsley
 82. Vijay Kumar Rai
 83. Hemant Kumar Sahu
 84. Line Nybakk Akerholt
 85. N. Narayanasamy
 86. Barbara Kern
 87. Sanjay Dongare
 88. Sian Prosser

Photo: E. Cascone; INAF
 Osservatorio Astronomico di
 Capodimonte



Members of the LOC. Front: Antonella Gasperini, Ilda Cozzolino, Andrea Di Dato. Back: Mauro Gargano, Francesca Brunetti, Emilia Olostro Cirella, Celina Paul (Photo: E. Cascone, INAF–Osservatorio Astronomico di Capodimonte)

Local Organizing Committee (LOC)

Antonella Gasperini, Chair, INAF Arcetri Astrophysical Observatory

Rosario Aiello, INAF Astronomical Observatory of Capodimonte

Francesca Brunetti, INAF Arcetri Astrophysical Observatory

Ilda Cozzolino, INAF Astronomical Observatory of Capodimonte

Andrea Di Dato, INAF Astronomical Observatory of Capodimonte

Mauro Gargano, INAF Astronomical Observatory of Capodimonte

Angela Mangano, INAF Astrophysical Observatory of Catania

Emilia Olostro Cirella, INAF Astronomical Observatory of Capodimonte

Alessandra Rotundi, University of Naples "Parthenope"



Members of the SOC. Front: Chris Erdmann, Robert Hanisch, Soizick Lesteven, András Holl, Eva Isaksson, Massimo Della Valle, Dianne Dietrich, Jill Lagerstrom, Uta Grothkopf, (Photo: E. Cascone, INAF–Osservatorio Astronomico di Capodimonte)

Scientific Organizing Committee (SOC)

András Holl, co-chair, Konkoly Observatory / MTA KIK, Hungary
 Eva Isaksson, co-chair, University of Helsinki Observatory, Finland
 Nirupama Bawdekar, IUCAA, India
 Christina Birdie, Indian Institute of Astrophysics, Bangalore, India
 Juan de Dios Santander-Vela, Instituto de Astrofísica de Andalucía, Spain
 Massimo della Valle, INAF Astronomical Observatory of Capodimonte, Italy
 Dianne Dietrich, Cornell University Library, USA
 Chris Erdmann, Harvard–Smithsonian Center for Astrophysics, USA
 Antonella Gasperini, Chair of LOC, INAF Arcetri Astrophysical Observatory, Italy
 Alissa Goodman, Harvard–Smithsonian Center for Astrophysics, USA
 Uta Grothkopf, European Southern Observatory, Germany
 Robert Hanisch, Space Telescope Science Institute / US Virtual Astronomical Observatory, USA
 Jill Lagerstrom, Space Telescope Science Institute, USA
 Soizick Lesteven, CDS, Observatoire Astronomique de Strasbourg, France
 Manolis Zoulias, Research Center for Astronomy of the Academy of Athens, IT & Public Outreach, Greece



Members of the FOL. Chris Erdmann, Dianne Dietrich, Sally Bosken, Kayleigh Bohémier
(Photo: E. Cascone, INAF–Osservatorio Astronomico di Capodimonte)

Friends of LISA Committee (FOL)

Kayleigh Bohémier, Yale University, USA
Sally Bosken, U.S. Naval Observatory, USA
Dianne Dietrich, Cornell University Library, USA
Chris Erdmann, Harvard–Smithsonian Center for Astrophysics, USA

Conference Secretary

Celina Paul, INAF Arcetri Astrophysical Observatory, Florence
Nella Ferrigno, INAF Astronomical Observatory of Capodimonte, Naples

LISA VII Sponsors

Gold level

Springer

Silver level

American Astronomical Society (AAS)

American Institute of Physics Publishing (AIP Publishing)

Institute of Physics (IOP)

EDP Sciences

Bronze level

Altmetric

APS Physics

European Southern Observatory (ESO)

Elsevier

Figshare

PTFS Europe

STANDARDS AND MORE... (SAM)

SPIE Digital Library

The Organizers of LISA VII would like to thank also:

Department of Science and Technology, Parthenope University, Naples

Certosa and Museum of San Martino

Associazione Amici di Capodimonte

Italian Libraries Association (AIB)

Municipality of Naples

Regione Campania