

## Bright Star Le Strade

The 1990s are proving to be a very exciting p&ioid for high angular resolution astronomy. At radio wavelengths a combination of new array instruments and pow erful imaging algorithms have generated images of unprecedented resolution and quality. In the optical and infrared, the great technical difficulties associated with constructing separated-aperture interferometers have been largely over now operating or are being developed. As these pro grams start to produce observational results they will be able to draw extensively on the experience gained by the radio-interferometry community. Thus it seemed that the time was ripe for a meeting which would bring together workers from all wavelength ranges to discuss the details of the science and art of "Very High Angular Resolution Symposium No. 158 was on high resolution tech niques from the radio, mm-wave, infrared and optical bands, it also provided an opportunity for presentation of astronomical results from these techniques. As well as giving our colleagues from the Northern Hemisphere a break from midwinter, the location of the Symposium in Australia recognised the continuing development of astronomical inter

This Symposium began with a proposal for a meeting to honour Emer itus Professor Robert Hanbury Brown on the occasion of his 80th birthday. He requested that any such meeting should be on a topic that would be of benefit to the Sydney University Stellar Interferometer (SUSI) program. With SUSI and several other high angular resolution instruments either in operation or coming on line wi advances in astrometry, spectroscopy and in theoretical models of stellar atmospheres and interiors, it appeared to be both appropriate and timely to hold a symposium on "Fundamental Stellar Properties: the Interaction between Observation and Theory. " The emphasis of the meeting was on the critical assessment of the qual ity, accuracy, and prospects for improvement of the observational d outstanding problems in stellar astrophysics, and on the feasibility of achieving the observational and theoretical advances required for their solution. Invited papers comprised the major part of the oral program and the speakers responded to the challenge issued by the Scientific Organising Committee to critically review the current status and prospects for their area of expertise. The Symposi the University of Sydney, Emeritus Professor Dame Leonie Kramer, who welcomed the 126 participants from 22 countries on behalf of the University. The oral program included . 52 invited reviews and papers and 10 contributed papers.

Astronomy and Astrophysics Abstracts aims to present a comprehensive documen tation of the literature concerning all aspects of astronomy, astrophysics, and their border fields. It is devoted to the recording, summarizing, and indexing of the relevant publications throughout the world. Astronomy and Astrophysics Abstracts is prepared by a special department of the Astronomisches Rechen-I International Astronomical Union. Volume 33 records literature published in 1983 and received before August 1, 1983. Some older documents which we received late and which are not surveyed in earlier volumes are included too. We acknowledge with thanks contributions of our colleagues all over the world. We also express our gratitude to all organizations, observatories, and publishers which copies of their publications. Starting with Volume 33, all the recording, correction, and data processing work was done by means of computers. The recording was done by our technical staff members Ms. Helga Ballmann, Ms. Mona El-Choura, Ms. Monika Kohl, and Ms. Sylvia Matyssek. Mr. Martin Schlotelburg and Mr. Ulrich Oberall supported our task by careful proofreading. It is a pleasure to th encouragement. Heidelberg, September 1983 The Editors Contents Introduction . . . . . 1 Concordance Relation: ICSU-AB-AAA 3 Abbreviations 10 Periodicals, Proceedings, Books, Activities 001 Periodicals . . . . . 15 002 Bibliographical Publications, Documentation, Catalogues, Atlases 47 003 Books ..... . 51 004 History of Astronomy 58 005 Biography . . 64 006 Personal Notes 65 0

Reference Systems

Fundamental Stellar Properties: The Interaction Between Observation and Theory

In Astronomy and Geophysics

L'ultimo giorno di gloria

The Earth's Rotation and Reference Frames for Geodesy and Geodynamics

High-Sensitivity Radio Astronomy

*Astrometry is on the threshold of great changes due to the fact that this decade, alone, is witnessing an improvement of stellar positions equivalent to the total improvement of the previous two centuries. The Hipparcos Satellite has concluded its observations, and the catalog is in preparation. Preliminary results assure that the Hipparcos catalog will provide positions, parallaxes and annual proper motions for over 100,000 stars with accuracies of 1.5 milliarcseconds. In addition, the Tycho catalog will provide positions of about 30 milliarcseconds accuracy for over 1 million stars, and annual proper motions with 3 milliarcsecond accuracy will subsequently be ob tained by means of first epoch positions from the Astrographic Catalog. Optical interferometers on the ground are beginning operation, and these instruments can provide observational accuracies of approximately one milliarcsecond. Also, the traditional reference frame based on the Fun damental Catalog of bright stars is being replacee by the extragalactic ref erence frame, based on radio sources with accuracies of one milliarcsecond. Thus, astrometry will change from a fundamental reference frame defined in terms of the dynamical reference frame of the solar system with accuracies of 100 milliarcseconds to a space-fixed, extragalactic reference frame with accuracies of one milliarcsecond. Future astrometric observations should be in the 1-100 milliarcsecond accuracy range. There are a number of concepts for future astrometric instruments in space. Most of these can provide sub-milliarcsecond astrometric accuracies.*

*The revolutionary discovery of thousands of confirmed and candidate planets beyond the solar system brings forth the most fundamental question: How do planets and their host stars form and evolve? Protostars and Planets VI brings together more than 250 contributing authors at the forefront of their field, conveying the latest results in this research area and establishing a new foundation for advancing our understanding of stellar and planetary formation. Continuing the tradition of the Protostars and Planets series, this latest volume uniquely integrates the cross-disciplinary aspects of this broad field. Covering an extremely wide range of scales, f rom the formation of large clouds in our Milky Way galaxy down to small chondrules in our solar system, Protostars and Planets VI takes an encompassing view with the goal of not only highlighting what we know but, most importantly, emphasizing the frontiers of what we do not know. As a vehicle for propelling forward new discoveries on stars, planets, and their origins, this latest volume in the Space Science Series is an indispensable resource for both current scientists and new students in astronomy, astrophysics, planetary science, and the study of meteorites.*

*These are the Proceedings of Colloquium No. 153 of the International Astro nomical Union, held at Makuhari near Tokyo on May 22 - 26, 1995, and hosted by the National Astronomical Observatory. This meeting was intended to be an interdisciplinary meeting between re searchers of solar and stellar activity, in order for them to exchange the newest information in each field. While each of these areas has seen remarkable advances in recent years, and while the researchers in each field have felt that information from the other's domain would be extremely useful in their own work, there have not been very many opportunities for intensive exchanges of information between these closely related fields. We therefore expected much from this meeting in pro viding stellar researchers with new results of research on the counterparts of their targets of research, spatially and temporarily resolved, as observed on the Sun. Likewise we hoped to provide solar researchers with new results on gigantic ver sions of their targets of research under the very different physical circumstances on other active stars. It was our greatest pleasure that we had wide attendance of experts and active researchers of both research fields from all over the world. This led to extremely interesting talks and very lively discussions, thereby stimulating the exchange of ideas across the fields.*

*Dynamics, Reference Frames, and Data Analysis*

*Literature 1983, Part 1*

*Sherlock Holmes' London Through the Eyes of Scotland Yard*

*Notes and Queries*

*All That's Left to Know About the World's Greatest Private Detective*

*The New York Lumber Trade Journal*

**A JENAM 2002 Workshop, Porto, Portugal, 3-5 September 2002**

***Papers from an April 1997 meeting explore recent advances in areas including galactic dynamos, probing the universe with weak lensing, nucleosynthesis in asymptotic giant branch stars, physical conditions in regions of star formation, and high-energy processes in young stellar objects. Other subjects are sources of relativistic jets in the galaxy, elemental abundances in quasistellar objects, origin and evolution of the natural satellites, and far-ultraviolet radiation from elliptical galaxies. Includes a retrospective of 50 years of research at Palomar Observatory. The editor is affiliated with the University of California at San Diego. Annotation copyrighted by Book News, Inc., Portland, OR***

***Sulla scia di un rinnovato interesse per la figura di John Keats, Bright Star ripercorre l'ultimo periodo della vita del poeta, diviso fra difficoltà economiche e travagliate vicende familiari. Con una costruzione narrativa a salti, frammentata, che imita e riflette la natura complessa dello stesso Keats, è ricostruita la personalità di un uomo che, affascinato dalle potenzialità della parola, si ritrovò, proprio in quello stretto giro di anni, a meditare sulle contraddizioni della vita. In questo ritratto intimo che è prima di tutto resoconto esistenziale, l'incontro con personaggi come Shelley, Wordsworth, Coleridge, passa attraverso lo sguardo di un giovane di origini modeste ma dotato di una sensibilità speciale. La volontà di realizzare un'opera che fosse sintesi perfetta del suo pensiero si intreccia nel libro con episodi anche tragici riguardanti il destino dei fratelli, mostrando quanto momenti di esaltazione e momenti di sconforto si alternassero incessanti nella mente del poeta destinato a così breve esistenza. Anche l'amore per Fanny, in cui culmina il desiderio di una comunione tra anime e una sorta di complicità non solo affettiva, intesa ideale e spesso in bilico tra ossessione e indifferenza, diventa qui ulteriore momento di riflessione. L'autore di questo libro, nella sua libera e appassionata interpretazione di Keats, riutilizza con disinvoltura la straordinaria opera poetica nonché l'ironico e ricchissimo epistolario originale, restituendo la figura del poeta, ma anche dell'uomo, nei suoi aspetti più inediti e nascosti. Grazie alla sua personale esperienza di editore, in più, Elido Fazi, in una sorta di identificazione con il suo personaggio, di cui ricostruisce stati d'animo e situazioni, adombra nelle figure del romanzo personalità legate al mondo intellettuale contemporaneo per un racconto intenso ed entusiasmante che ha tutto il sapore di un innamorato omaggio. Mistico e visionario eroe moderno, fondatore di una nuova visione del mondo, Keats, con atteggiamento improntato alla più ferma autenticità, si interrogò sempre e incessantemente su concetti quali Bene, Verità e Bellezza anticipando nella sua opera temi fondamentali per la sensibilità odierna.***

***The Adventure of the Flying Blue Pidgeon***

***First Scientific Meeting of the International Forum on the Scientific Uses of the Space Station (I.F.S.U.S.S.), Venice, 4-7 October 1987***

***The Complete Short Stories of Sherlock Holmes***

***Sotto questo cielo intatto***

***Astronomy and Astrophysics Monthly Index***

***Astronomical and Astrophysical Objectives of Sub-Milliarcsecond Optical Astrometry***

*From the reviews: "Astronomy and Astrophysics Abstracts has appeared in semi-annual volumes since 1969 and it has already become one of the fundamental publications in the fields of astronomy, astrophysics and neighbouring sciences. It is the most important English-language abstracting journal in the mentioned branches. ...The abstracts are classified under more than a hundred subject categories, thus permitting a quick survey of the whole extended material. The AAA is a valuable and important publication for all students and scientists working in the fields of astronomy and related sciences. As such it represents a necessary ingredient of any astronomical library all over the world." Space Science Reviews#1 "Dividing the whole field plus related subjects into 108 categories, each work is numbered and most are accompanied by brief abstracts. Fairly comprehensive cross-referencing links relevant papers to more than one category, and exhaustive author and subject indices are to be found at the back, making the catalogues easy to use. The series appears to be so complete in its coverage and always less than a year out of date that I shall certainly have to make a little more space on those shelves for future volumes." The Observatory Magazine#2*

*Proceedings of the 128th Symposium of the International Astronomical Union, held in Coolfont, West Virginia, USA, October 20-24, 1986.*

*Lestrade panted, getting to his feet as the gang of Cheathams fell back. "Right now I can think of worse things than rescue by an amateur detective." "My dear Lestrade, we're simply ensuring the fight is fair." Sherlock Holmes somehow dissuaded the truth of that by the way his lips were coiling up at the edges (without letting go of the pipe in his teeth). Perhaps it was because he was clearly in disguise as a seedy deckhand in Dutchman's sailing clothes. From behind him the little professional could see Dr. Watson, tarred like a sailor and armed with a wicked-looking blackthorn. "Well, then!" Lestrade crowed with his fist up and parallel to the looming swarm over the tavern. "Who is next?" "Marcia Wilson has discovered Scotland Yard's Tin Dispatch Box." David Marcum, Pasticheur, Editor, and Creator of The MX Book of New Sherlock Holmes Stories*

*Sherlock Holmes FAQ*

*Radio Emission from Galactic and Extragalactic Compact Sources*

*Physics and Astrophysics in the Space Station Era*

*Dante and the Book of the Cosmos*

*Fundamentals of Astrometry*

*Sherlock Holmes and his London Through the Eyes of Scotland Yard*

Enhanced sensitivity radio telescopes are producing dramatic results. An international conference was held in Jodrell Bank to take stock of these advances. This timely volume presents the review articles presented by a host of world experts who gathered at this meeting. We are shown how high sensitivity is advancing our understanding in radio spectral line analysis, radio continuum observations of galaxies, cosmology, pulsars, and radio emission from stars; what new and enhanced instruments are now available and those planned for the future. This volume provides graduate students and researchers with an up-to-date and wide-ranging review of the new and future research possible with high-sensitivity radio telescopes.

Sotto questo cielo intatto è un affresco storico di grande impatto emotivo con cui Shandi Mitchell sembra ridare vita alla grande letteratura americana degli anni Trenta di Steinbeck e Faulkner. Vincitore del Commonwealth Writers' Prize come miglior esordio, scelto dai librai indipendenti americani come uno dei romanzi migliori del 2009 e da Barnes & Noble come Great New Writer 2009, il romanzo di Shandi Mitchell attinge alla storia familiare dell'autrice e mette in scena il dramma dell'immigrazione in un racconto sull'amore e l'avidità, sull'orgoglio e la disperazione, sulla lotta per la sopravvivenza di chi ha poco o niente.

Astronomy and Astrophysics Abstracts aims to present a comprehensive documen tation of the literature concerning all aspects of astronomy, astrophysics, and their border fields. It is devoted to the recording, summarizing, and indexing of the relevant publications throughout the world. Astronomy and Astrophysics Abstracts is prepared by a special department of the Astronomisches Rechen-Institut under the auspices of the International Astronomical Union. Volume 34 records literature published in 1983 and received before February 17, 1984. Some older documents which we received late and which are not surveyed in earlier volumes are included too. We acknowledge with thanks contributions of our colleagues all over the world. We also express our gratitude to all organiza tions, observatories, and publishers which provide us with complimentary copies of their publications. Starting with Volume 33, all the recording, correction, and data processing work was done by means of computers. The recording was done by our technical staff members Ms. Helga Ballmann, Ms. Mona El-Choura and Ms. Monika Kohl. Mr. Martin Schlotelburg and Mr. Ulrich Oberall supported our task by careful proofreading. It is a pleasure to thank them all for their encouragement. Heidelberg, March 1984 The Editors Contents Introduction . . . . . Concordance Relation: ICSU-AB-AAA 3 Abbreviations 10 Periodicals, Proceedings, Books, Activities 001 Periodicals . . . . . 15 002 Bibliographical Publications, Documentation, Catalogues, Atlases 50 003 Books ..... . 58 004 History of Astronomy 67 005 Biography . . 71 006 Personal Notes 73 007 Obituaries . . .

Astronomy Letters

Astronomy and Astrophysics Abstracts

Prototypes of Stellar Magnetic Activity

Very High Angular Resolution Imaging

Astrometric Techniques

la vita autentica di John Keats

on L'ultimo giorno di gloria Jaimy Gordon, pubblicata da una piccola casa editrice indipendente americana, ha vinto il NATIONAL BOOK AWARD 2010 ed è stata finalista al Pen / Faulkner Award 2011. La scrittrice, che aveva già pubblicato tre romanzi, il primo nel 1974, ha visto finalmente riconosciuto e acclamato il suo lavoro dai critici e dal grande pubblico: L'ultimo giorno di gloria ha venduto 100.000 copie e il Time l'ha segnalato come uno dei migliori dieci libri dell'anno.

Astronomy and Astrophysics Abstracts aims to present a comprehensive documen tation of the literatme concerning all aspects of astronomy, astrophysics, and their border fields. It is devoted to the recording, summarizing, and indexing of the relevant publications throughout the world. Astronomy and Astrophysics Abstracts is prepared by a special department of the Astronomisches Rechen-Institut under the auspices of the International Astronomical Union. Volume 40 records literatme published in 1985 and received before February 15, 1986. Some older documents which we received late and which arenot surveyed in earlier volumes are included too. We acknowledge with thanks contributions of our colleagues all over the world. We also express our gratitude to all organiza tions, observatories, and publishers which provide us with complimentary copies of their publications. Starting with Volume 33, all the recording, correction, and data processing work was dorre by means of computers. The recording was dorre by om technical staff members Ms. Helga Ballmann, Ms. Mona El-Choura (t), Ms. Monika Kohl, Ms. Sylvia Matyssek. Ms. Karirr Burkhardt, Ms. Susanne Schlötelbmg, Mr. Mar tin Schlötelburg, and Mr. Stefan Wagner supported om task by careful proof reading. It is a pleasure to thank them all for their encomagement.

**SHERLOCK HOLMES FAQ:ALL THAT'S LEFT TO KNOW ABOUT THE WORLD'S GREATEST PRIVATE DETECTIV**

**Proceedings of the 109th Symposium of the International Astronomical Union Held in Gainesville, Florida, U.S.A., 9-12 January 1984**

**Proceedings of the 158th Symposium of the International Astronomical Union, held at the Women's College, University of Sydney, Australia, 11-15 January 1993**

**Literature 1985, Part 2**  
**Transactions of the International Astronomical Union**  
**Third series**

"Mr. Holmes is an amateur, Hopkins." Lestrade was smiling around the stem of his pipe as he spoke. Hopkins could hear it. "Not a man who works well in teams, he. He still trusts Dr. Watson not to lie to him... and Dr. Watson's pulled some whoppers to save his skinny neck in the past." Lestrade was still smiling. " Not that that ' s not the most interesting thing about those fellows. I could tell you some stories about them, Stanley... oh, I could tell you stories..." Meet Sherlock Holmes through the eyes of his fellow lodger once again... and meet both through the eyes of the Yard - especially those who saw them the most: Inspectors Lestrade, Gregson, and Bradstreet. From Montague Street to a supposedly straightforward case of smuggling in Cornwall, Scotland Yard saw more than the disconcerting and dazzling private detective; it also saw an admirable and steadfast British soldier who shared their need for justice. Doctor John Watson may call himself unremarkable, but the Yard would disagree...

Proceedings of the 109th Symposium of the International Astronomical Union, held in Gainesville, Florida, USA, January 9-12, 1984

Bright StarFazi Editore

Proceedings of the 166th Symposium of the International Astronomical Union, Held in the Hague, The Netherlands, August 15–19, 1994

Sherlock Holmes and the Ley Line Murders

Illustrated sports, with which is incorporated Goy's calendar of sports

Monografie

Bibliografia nazionale italiana

Relativity in Fundamental Astronomy (IAU S261)

**The Trans-Neptunian Solar System is a timely reference highlighting the state-of-the-art in current knowledge on the outer solar system. It not only explores the individual objects being discovered there, but also their relationships with other Solar System objects and their roles in the formation and evolution of the Solar System and other planets. Integrating important findings from recent missions, such as New Horizons and Rosetta, the book covers the physical properties of the bodies in the Trans-Neptunian Region, including Pluto and other large members of the Kuiper Belt, as well as dynamical indicators for Planet 9 and related objects and future prospects. Offering a complete look at exploration and findings in the Kuiper Belt and the rest of the outer solar system beyond Neptune, this book is an important resource to bring planetary scientists, space scientists and astrophysicists up-to-date on the latest research and current understandings. Provides the most up-to-date information on the exploration of the Trans-Neptunian Solar System and what it means for the future of outer solar system research Contains clear sections that provide comprehensive coverage on the most important facets of the outer Solar System Includes four-color images and data from important missions, including New Horizons and Rosetta Concludes with suggestions and insights on the future of research on Trans-Neptunian objects IAU S261 summarizes the present state of applied relativity, and discusses the applications and future tests of general relativity.**

The mists of Britain’s insula antiquity have drifted into the modernity of the nineteenth century bringing with them echoes of the savage rituals of its ancient peoples. The Press has fuelled the Public’s fear over dismembered victims discovered at the intersection of ancient ley-lines, points on the landscape where logic is defied and science is rendered impotent as ancient forces emerge menacingly from the living Earth itself. Sherlock Holmes finds he must anchor his superior mind on solid ground to uncover the truth and deliver justice for the victims as the reader accompanies the Intrepid Doctor Watson and the Great Sleuth as they conquer their innermost fears when encountering the mysteries of Britain’s ancient Ley Lines, the Ancient Ways.

**Magnetodynamic Phenomena in the Solar Atmosphere**

**The Very Large Telescope Interferometer Challenges for the Future**

**Proceedings of the 189th Symposium of the International Astronomical Union, Held at the Women’s College, University of Sydney, Australia, 13-17 January 1997**

**Bright star**

**Annual Review of Astronomy and Astrophysics**

**Protostars and Planets VI**

*Astrometry encompasses all that is necessary to provide the positions and motions of celestial bodies. This includes observational techniques, instrumentation, processing and analysis of observational data, reference systems and frames, and the resulting astronomical phenomena. Astrometry is fundamental to all other fields of astronomy, from the pointing of telescopes, to navigation and guidance systems, to distance and motion determinations for astrophysics. In the last few decades, new observational techniques have enabled improvements in accuracy by orders of magnitude. Starting from basic principles, this book provides the fundamentals for this new astrometry at milli- and micro-arcsecond accuracies. Topics include: basics of general relativity; co-ordinate systems; vectors, tensors, quaternions, and observational uncertainties; determination and use of the celestial and terrestrial reference systems and frames; applications of new observational techniques; present and future star catalogues and double star astrometry. This comprehensive reference will be invaluable for graduate students and research astronomers.*

*Product Dimensions: 9.3 x 6.2 x 2 inches Shipping Weight: 2.3 Lbs*

*This book on reference systems is the first comprehensive review of the problem of celestial and terrestrial reference systems and frames. Over 20 years, the importance of this problem emerged slowly as the accuracy of new observational techniques improved. The topic has already been approached in several symposia such as Stresa (1967), Morioka (1971), Perth (1973), Columbus (1975, 1978 and 1985), Kiev (1977) and San Fernando (1978). Two IAU colloquia held in Turin (1974) and in Warsaw (1980) were exclusively devoted to discuss reference systems. During this time, the problem of terrestrial and celestial reference systems has been discussed also in many astronomical and geodetic symposia, but always among other topics. Thus, a review devoted solely to the definition and practical realization of such systems was needed. It is hoped that this book, containing modern comprehensive reviews of important facets of this problem will contribute not only to a better and wider understanding of the mathematics and the physics that are behind the concepts and the realizations, but also to future development in a field that can only expand with the rapidly increasing accuracy of geodetic and astronomical observations. We are pleased to thank all the authors of the book who have enthusiastically agreed to contribute to the book in their field of competence and have gracefully accepted guidance from the editors in the definition of the subject and of the interfaces with other chapters. We thank Prof. Y.*

*Symposium*

*Catalog of Copyright Entries*

*Literature 1988, Part 2*

*Literature 1983, Part 2*

*The Trans-Neptunian Solar System*

*You Buy Bones*