



Ground-based and airborne telescopes.

Marshall, Heather K.,
editor

Spyromilio, Jason,
editor

Usuda, Tomonori,
editor

Monografía

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzMyNTI2NjY>

Título: Ground-based and airborne telescopes. VIII edited by Heather K. Marshall, Jason Spyromilio, Tomonori Usuda

Editorial: Bellingham, Washington SPIE [2021] 2021

Descripción física: 1 online resource

Mención de serie: Proceedings of SPIE Volume 11445

Contenido: The Event Horizon Telescope: the impact of an image and finding Powehi -- Author(s): Jessica T. Dempsey -- The National Science Foundation's Daniel K. Inouye Solar Telescope -- Author(s): Heather K. Marshall; Thomas R. Rimmele -- The University of Tokyo Atacama Observatory 6.5m telescope: site development -- Author(s): Takashi Miyata; Yuzuru Yoshii; Mamoru Doi; Kotaro Kohno; Masuo Tanaka; Kentaro Motohara; Takeo Minezaki; Shigeyuki Sako; Tomoki Morokuma; Toshihiko Tanabe; Bunyo Hatsukade; Hidenori Takahashi; Takafumi Kamizuka; Hiroaki Sameshima; Natsuko Kato; Mizuki Mumata; Tsutomu Aoki; Takao Soyano; Ken'ichi Tarusawa; Hisaka Iwano; Yukihiko Hamamichi; Osamu Matsubara; Joaquin Collao -- The GMT site, enclosure, and facilities: 2020 design and construction update -- Author(s): Bruce Bigelow; Gustavo Arriagada; Robert Turner; Christopher Madden; Francisco Meza; Hector Swett; Bahram Talison; Patricio Verdello; Eduardo Villar; Miroslav Vulinovic -- ELT design progress: the Dome structure -- Author(s): Leo Colussi; Marco Mattietto; Riccardo Terrassan; Marco Colussi; Stefano Stanghellini; Maximilian Kraus -- Thirty Meter Telescope enclosure production readiness overview -- Author(s): Michael Gedig; Walter Brzezik; Lisa Crofoot; Amir Hossein Hadi; Amin Kadivar; Tony Li; Sina Niaki; Colin Vincent; Mehdi Jalayer -- Procurement of the dome and the telescope structure of the ELT: update status report -- Author(s): Stefano Stanghellini; Pascal Martinez; Maximilian Kraus -- Updated results from wet washing the 2016 coating of the 6.5m MMT primary mirror In-situ -- Author(s): Ricardo Ortiz; William Goble; Joseph T. Williams -- Vera C. Rubin Observatory: telescope and site status -- Author(s): Sandrine J. Thomas; Jeffrey Barr; Shawn Callahan; Andy W. Clements; Felipe Daruich; Juan Fabrega; Patrick Ingraham; William Gressler; Freddy Munoz; Doug Neill; Tiago Ribeiro; Jacques Sebag; Eduardo Serrano; Brian Stalder; Roberto Tighe; Tomislav Vucina; Bo Xin -- The SDSS-V local volume mapper telescope system -- Author(s): T. M. Herbst; Pavaman Bilgi; Peter Bizenberger; Guillermo Blanc; Florian Briegel; Scott Case; Niv Drory;

Tobias Feger; Cynthia Froning; Wolfgang Gaessler; Anthony Hebert; Nicholas Konidaris; Alicia Lanz; Lars Mohr; Soojong Pak; Solange Ramírez; Ralf-Rainer Rohloff; José Sánchez-Gallego; Stefanie Wachter -- Developing the ngVLA Radio Telescope 6m antenna -- Author(s): Dean Chalmers; Gordon Lacy; Mohammad Islam; Nathan Loewen; Emile Van Vuuren; Lynn Baker -- Status of scientific commissioning of the Greenland Telescope -- Author(s): Jun Yi Koay; Satoki Matsushita; Keiichi Asada; Nimesh A. Patel; Chih-Wei L. Huang; Geoffrey Bower; Shu-Hao Chang; Ming-Tang Chen; Chung-Cheng Chen; Ryan Chilson; Chih-Chiang Han; Paul T. P. Ho; Yau-De Huang; Makoto Inoue; Homin Jiang; Patrick M. Koch; Shoko Koyama; Cheng-Yu Kuo; Derek Kubo; Chao-Te Li; Ching-Tang Liu; Kuan-Yu Liu; Wen-Ping Lo; Pierre Martin-Cocher; Masanori Nakamura; Timothy J. Norton; George Nystrom; Peter Oshiro; Jongho Park; Hung-Yi Pu; Philippe Raffin; Ramprasad Rao; Cristina Romero-Canizales; Paul Shaw; Tirupati K. Sridharan; Ranjani Srinivasan; Ta-Shun Wei; Chen-Yu Yu -- A laser-truss based optical alignment system on LBT -- Author(s): Andrew Rakich; Heejoo Choi; Christian Veillet; John M. Hill; Matthieu Bec; Yang Zhang; Trenton Brendel; Breann Sitarski; Michael Gardiner; Dae Wook Kim; Stephanie Rodriguez -- The GMT Telescope metrology system: easing the complexity of initial and operational alignment and increasing observing efficiency -- Author(s): Breann Sitarski; Andrew Rakich; Hugo Chiquito; Wylie Rosenthal; Priscila Pires; Peter Thompson; Francisco Aguayo; William Schoenell; Patricio Schurter; Glenn Brossus; Rodolphe Conan; Antonin Bouchez; George Angeli; Keath Beifus; King-Ming Lam; Paul Gardner; David Thomas -- Reactivation of the active mass damping system for SOFIA to improve image stability -- Author(s): Benjamin Greiner; Rick Brewster; Anja Mrzyglod; Jörg Wagner -- The ELT early vibration assessment and for other Giant Telescopes -- Author(s): Gianpietro Marchiori; Riccardo Bressan; Alessandro Colovini; Mattia Scomparin -- Mitigating wavefront error caused by sky subcooling of the ELT structure -- Author(s): Ronald Holzlöhner; Martin Brinkmann -- Current status of KAGRA -- Author(s): Shinji Miyoki -- Status and plans of the Virgo gravitational wave detector -- Author(s): Raffaele Flaminio -- The Square Kilometre Array project -- Author(s): J. McMullin; P. Diamond; A. McPherson; R. Laing; P. Dewdney; A. Casson; L. Stringhetti; N. Rees; T. Stevenson; M. Lilley; A. van Es; M. G. Labate; G. Swart; A. Schinckel; T. Cheetham; M. Caiazzo; M. Austin; L. Ball; S. Berry; R. Braun; A. Chrysostomou -- The University of Tokyo Atacama Observatory 6.5m Telescope: overview and construction status -- Author(s): Yuzuru Yoshii; Mamoru Doi; Takashi Miyata; Kotaro Kohno; Masuo Tanaka; Takeo Minezaki; Shigeyuki Sako; Tomoki Morokuma; Toshihiko Tanabe; Bunyo Hatsukade; Masahiro Konishi; Takafumi Kamizuka; Kentaro Asano; Hiroaki Sameshima; Natsuko Kato; Mizuki Numata; Hidenori Takahashi; Tsutomu Aoki; Takao Soyano; Ken'ichi Tarusawa; Kenji Yoshikawa; Kentaro Motohara; Yoichi Tamura; Shintaro Koshida; Toshihiro Handa; Leonardo Bronfman; Maria Ruiz; Mario Hamuy; Rene Mendez; Andres Escala -- Eastern Anatolia Observatory (DAG): the status in 2020 -- Author(s): C. Yesilyaprak; O. Keskin -- The ngVLA: Reference design update -- Author(s): Robert Selina; Mark M. McKinnon; Eric J. Murphy; Rick Farnsworth -- Planning of the Maunakea Spectroscopic Explorer preliminary design phase in an evolving astronomy landscape -- Author(s): Kei Szeto; Doug Simons; Jennifer L. Marshall; Mary Beth Laychak -- CCAT-prime: A status report on the ultra-widefield submillimeter observatory on Cerro Chajnantor -- Author(s): Gordon J. Stacey -- Progress toward improved water vapour radiometry: an overview of the South Africa-Mexico bilateral programme -- Author(s): Tinus Stander; Roger Deane; Dirk I. L. de Villiers; Aletha de Witt; Daniel Ferrusca Rodríguez; David Hiriart; Stanley E. Kurtz; Fanie van den Heever; Miguel Velázquez de la Rosa Becerra -- The ESO's ELT construction progress -- Author(s): Roberto Tamai; B. Koehler; Michele Cirasuolo; Fabio Biancat-Marchet; Mauro Tuti; Juan-Carlos González-Herrera -- Overview and status of the Giant Magellan Telescope project -- Author(s): James Fanson; Rebecca Bernstein; George Angeli; David Ashby; Bruce Bigelow; Glenn Brossus; Antonin Bouchez; William Burgett; Adam Contos; Richard Demers; Francisco Figueira; Barbara Fischer; Frank Groark; Robert Laskin; Rafael Millan-Gabet; Marti Pi; Nune Wheeler -- The final design for the Extremely Large Telescope prefocal stations -- Author(s): Asier Larrigan; Amaya Múgica; Gaizka Murga; Paul Jolley; Steffan Lewis -- The purpose, plan, and progress of the Giant Magellan Telescope primary mirror off-axis segment test cell -- Author(s): Barbara M. Fischer; Trupti Ranka; Francisco Aguayo; Dave Ashby; Erich Bugueno; Austin Everman; John Ford; Zaven Kechichian; Kurt Kenagy; Tomas Krasuski; Gary Muller; Wylie Rosenthal; David Schwartz; Jose Soto; Hector Swett; Divya Thanasekaran; Abhijit Wadhavkar -- Wavefront sensor for millimeter/submillimeter-wave adaptive optics based on aperture-plane interferometry -- Author(s): Yoichi Tamura; Ryohei Kawabe; Yuhei Fukasaku; Kimihiro Kimura; Tetsutaro Ueda; Akio Taniguchi; Nozomi Okada; Hideo Ogawa; Ikumi Hashimoto; Tetsuhiro Minamidani; Noriyuki Kawaguchi; Nario Kuno; Yohei Togami; Masato Hagimoto; Satoya Nakano; Keiichi Matsuda; Sachiko Okumura; Tomoko Nakamura; Mikio Kurita; Tatsuya Takekoshi; Tai Oshima; Toshikazu Onishi; Kotaro Kohno -- 2216 epoxy bonds for TMT: performance, and precautions -- Author(s): Glen

Cole; Benjamin B. Gallagher; Eric Hansen -- Production of the world's largest convex ZERODUR mirror blank for the ELT -- Author(s): Ralf Jedamzik; Thomas Werner; Thomas Westerhoff -- High precision machining in TMT (Thirty Meter Telescope) structure manufacturing -- Author(s): Kenji Kamikawa; Akihiro Nagai; Takuya Ashida; Kazuhiko Tani; Tatsuya Nariyama; Takayuki Ishida; Junji Takaki; Noboru Kawaguchi; Makoto Endo; Yutaka Ezaki; Tomonori Usuda; Masao Saito -- Seimei 3.8-m Telescope has been commissioned -- Author(s): Tetsuya Nagata; Mikio Kurita -- Vera C. Rubin Observatory system integration, test, and commissioning: strategy and status -- Author(s): Jacques Sebag; Charles F. Claver; Sandrine J. Thomas; Kevin Reil; Jeffrey Barr; Keith Bechtol; Felipe Daruich; Juan Fabrega; Leanne P. Guy; Patrick Ingraham; Victor Krabbendam; Margaux Lopez; Freddy Munoz; Doug Neill; Wil O'Mullane; Michael Reuter; Austin Roberts; Tiago Ribeiro; Eduardo Serrano; Cristian Silva; Brian Stalder; Roberto Tighe; Bo Xin -- The Lowell Observatory Solar Telescope: observing the sun as an exoplanet host star with the EXtreme PREcision Spectrograph -- Author(s): Joe Llama -- First year status and performance of the POLARBEAR-2a cosmic microwave background instrument -- Author(s): John Groh -- Status of the STUDIO UV balloon mission and platform -- Author(s): A. Pahler; M. Angermann; J. Barnstedt; S. Bougueroua; A. Colin; L. Conti; S. Diebold; R. Duffard; M. Emberger; L. Hanke; C. Kalkuhl; N. Kappelmann; T. Keilig; S. Klinkner; A. Krabbe; O. Janson; M. Lengowski; C. Lockowandt; P. Maier; T. Müller; T. Rauch; T. Schanz; B. Stelzer; M. Taheran; A. Vaerneus; K. Werner; J. Wolf -- The Event Horizon Telescope: technologies behind the first black hole shadow imaging -- Author(s): Satoshi Matsushita -- Development of the SPECULOOS exoplanet search project -- Author(s): D. Sebastian; P. P. Pedersen; C. A. Murray; E. Ducrot; L. J. Garcia; A. Burdanov; F. J. Pozuelos; L. Delrez; R. Wells; G. Dransfield; M. Gillon; B.-O. Demory; D. Queloz; A. H. M. J. Triaud; J. De Witt; E. Jehin; Y. Gómez Maqueo Chew; M. N. Günther; P. Niraula; B. V. Rackham; N. Schanche; S. Sohy; S. Thompson -- The Large Millimeter Telescope (LMT) Alfonso Serrano: current status and telescope performance -- Author(s): David H. Hughes; F. Peter Schloerb; Itziar Artxaga; Edgar Castillo-Domínguez; Miguel Chávez Dagostino; Edgar Colín; Neal Erickson; Daniel Ferrusca Rodriguez; David M. Gale; Arturo Gómez-Ruiz; José Luis Hernández Rebollar; Mark Heyer; James Lowenthal; Alfredo Montaña; Marcos Emir Moreno Nolasco; Gopal Narayanan; Alexandra Pope; Iván Rodríguez-Montoya; David Sánchez-Argüelles; David Smith; Kamal Souccar; Miguel Velázquez de la Rosa Becerra; Grant W. Wilson; Min S. Yun -- Overview and status of EXCLAIM, the experiment for cryogenic large-aperture intensity mapping -- Author(s): Giuseppe Cataldo; Peter A. R. Ade; Christopher J. Anderson; Alyssa Barlis; Emily M. Barrentine; Nicholas G. Bellis; Alberto D. Bolatto; Patrick C. Breyses; Berhanu T. Bulcha; Jake A. Connors; Paul W. Cursey; Negar Ehsan; Thomas M. Essinger-Hileman; Jason Glenn; Joseph Golec; James Hays-Wehle; Larry A. Hess; Amir Jahromi; Mark O. Kimball; Alan J. Kogut; Luke N. Lowe; Philip D. Mauskopf; Jeffrey J. McMahon; Mona Mirzaei; Samuel H. Moseley; Jonas W. Mugge-Durum; Omid Noroozian; Trevor M. Oxholm; Ue-Li Pen; Anthony R. Pullen; Samelys Rodriguez; Peter J. Shirron; Gage Siebert; Adrian K. Sinclair; Rachel S. Somerville; Ryan Stephenson; Thomas R. Stevenson; Eric R. Switzer; Peter T. Timbie; Carole E. Tucker; Elijah Visbal; Carolyne G. Volpert; Edward J. Wollack; Shengqi Yang -- In-flight performance of the BLAST-TNG telescope platform -- Author(s): Gabriele Coppi; Peter A. R. Ade; Peter C. Ashton; Jason E. Austermann; Erin G. Cox; Mark J. Devlin; Bradley J. Dober; Valentina Fanfani; Laura M. Fissel; Nicholas B. Galitzki; Jiansong Gao; Samuel Gordon; Christopher E. Groppi; Gene C. Hilton; Johannes Hubmayr; Jeffrey Klein; Dale Li; Ian Lowe; Nathan P. Lourie; Christopher McKinney; Hamdi Mani; Philip D. Mauskopf; Federico Nati; Giles Novak; Giampaolo Pisano; Javier L. Romualdez; Adrian K. Sinclair; Juan D. Soler; Carole Tucker; Joel Ullom; Michael Vissers; Caleb Wheeler; Paul A. Williams -- Wide-field ultra-narrow-bandpass imaging with the Dragonfly Telephoto Array -- Author(s): Deborah M. Lokhorst; Roberto G. Abraham; Pieter van Dokkum; Seery Chen -- Rubin Observatory primary tertiary mirror cell assembly: mirror support system modeling and tuning -- Author(s): Felipe Daruich; Douglas Neill; Myung Cho; Christoph Dribusch -- FIREBALL-2 thermal control system: Performance of the 2018 flight and improvements for 2021 -- Author(s): Zeren Lin; Gillian Kyne; Bruno Milliard; Hung Pham; Keri Hoadley; Chris Martin; David Schiminovich; Erika T. Hamden; Shouleh Nikzad; Vincent Picouet -- The GMT's acquisition guiding and wavefront sensing system NOVEC-7100 cooling system -- Author(s): William Podgorski; Daniel Catropa; Brian McLeod; Stuart McMuldroch; Antonin Bouchez; Oliver McIrwin; David Ashby -- Rubin Observatory active optics system status -- Author(s): Sandrine J. Thomas; Bo Xin; Chuck Claver; Andrew Connolly; J. Bryce Kalmbach; Doug Neill; Tiago Ribeiro; Chris Suberlak; Tei-Wei Tsai -- The Atacama Large Aperture Submillimeter Telescope (AtLAST) -- Author(s): Pamela D. Klaassen; Tony K. Mroczkowski; Claudia Cicone; Evanthisa Hatziminaoglou; Sabrina Sartori; Carlos De Breuck; Sean Bryan; Simon R. Dicker; Carlos Duran; Chris Groppi; Hans Kaecher; Ryohei Kawabe; Kotaro Kohno; James Geach -- Feasibility of NEO detection with a primary objective grating telescope -- Author(s): Heidi Jo Newberg; Leaf

Swordy; Thomas D. Ditto -- PANOPTES: A citizen science project to discover exoplanets from your backyard using off-the-shelf hardware -- Author(s): Preethi Krishnamoorthy; Josh Walawender; Wilfred Tyler Gee; Olivier Guyon -- Sustaining mechanical systems of 3.6m optical telescope at Devasthal, India -- Author(s): Tarun Bangia; Wahab Uddin -- The University of Tokyo Atacama Observatory 6.5 m telescope: Development of the telescope and the control system -- Author(s): Takeo Minezaki; Tomoki Morokuma; Yuzuru Yoshii; Mamoru Doi; Takashi Miyata; Kotaro Kohno; Masuo Tanaka; Kentaro Motohara; Shigeyuki Sako; Toshihiko Tanabe; Bunyo Hatsukade; Masahiro Konishi; Hidenori Takahashi; Takafumi Kamizuka; Hiroaki Sameshima; Kentaro Asano; Natsuko Kato; Mizuki Numata; Tsutomu Aoki; Takao Soyano; Ken'ichi Tarusawa; Mitsufumi Nishimura; Takayuki Seki; Naruyo Kajitani; Yuji Ikeda; Tomoshiro Yoshikawa; Yoshitaka Matsumoto; Shintaro Nakamaru -- LOCNES: A solar telescope to study the stellar activity in the near infrared -- Author(s): R. Claudi; A. Ghedina; E. Pace; A. M. Di Giorgio; V. D'Orazi; L. Gallorini; A. F. Lanza; S. J. Liu; M. Rainer; A. Tozzi; I. Carleo; J. Maldonado Prado; G. Micela; E. Molinari; E. Poretti; D. Phillips; G. Tripodo; M. Cecconi; A. Galli; M. D. Gonzalez; V. Guerra Padilla; J. G. Guerra Ramón; A. Harutyunyan; N. Hernández Cáceres; M. Hernández Díaz; M. Lodi; H. Pérez Ventura; A. L. Riverol Rodríguez; C. A. Riverol Rodríguez; J. San Juan Gómez -- Tor Vergata Synoptic Solar Telescope: spectral characterization of potassium KI D1 MOFs -- Author(s): Daniele Calchetti; Giorgio Viavattene; Luciano Terranegra; Ermanno Pietropaolo; Maurizio Oliviero; Neil Murphy; Stuart M. Jefferies; Luca Giovannelli; Dario Del Moro; Francesco Berrilli -- DAG 4m telescope: Factory acceptance tests -- Author(s): Olivier Pirnay; Pierre Albart; Eric Gabriel; Thibault Leseur; Sabrina Orban; Arnaud Philippart; Simona Moschini; Boris Morelle; Francesco Rampini; Gianpietro Marchiori -- Noise temperature testing for the Hydrogen Intensity and Real-time Analysis eXperiment (HIRAX) -- Author(s): Emily R. Kuhn; Benjamin R. B. Saliwanchik; Maile Harris; Moumita Aich; Kevin Bandura; Tzu-Ching Chang; H. Cynthia Chiang; Devin Crichton; Aaron Ewall-Wice; Austin A. Gumba; Neeraj Gupta; Kabelo Calvin Kesebonye; Jean-Paul Kneib; Martin Kunz; Kavilan Moodley; Laura B. Newburgh; Viraj Nistane; Warren Naidoo; Deniz Ölçek; Jeffrey B. Peterson; Alexandre Refregier; Jonathan Sievers; Corrie Ungerer; Alireza Vafaei Sadr; Jacques van Dyk; Amanda Weltman; Dallas Wulf -- Mont Abu 2.5 m Telescope: How to assess large telescope performances in factory? -- Author(s): Audrey A. Lanotte; Nicolas Fontana; Cédric Adam; Pierre Albart; Jonathan De Ville; Carlo Flebus; Eric Gabriel; Fabien Lemagne; Thibault Leseur; Joseph Lombardo; Grégory P. Lousberg; Sabrina Orban; Olivier Pirnay; Jean-Marc Tortolani -- Mini-tracker feasibility study results for the Southern African Large Telescope (SALT) -- Author(s): John A. Booth; R. Pretorius; Melanie Saayman; Wouter Lochner; Freya Bovim; Lisa A. Crause; Francois Strümpher -- Mezzocielo: an attempt to redesign the concept of wide field telescopes -- Author(s): R. Ragazzoni; M. Dima; C. Arcidiacono; D. Magrin; S. Di Rosa; S. Zaggia -- The Atacama Astronomical Park: a place to focus on science -- Author(s): Cesar Ocampo; Luis Chavarria; Pablo Pistoia -- Study of higher order aberrations of an on-axis three-mirror telescope with an off-axis field of view -- Author(s): Galina E. Romanova; Ksenia D. Butylkina; Vladimir N. Vasilyev -- Status of the East Asia ALMA development program: Towards the implementation of the ALMA development roadmap -- Author(s): Álvaro González; Takafumi Kojima; Wenlei Shan; Hitoshi Kiuchi; Yoshinori Uzawa; Daisuke Iono; George Kosugi -- The Parkes Radio Telescope as a square kilometre array technology pathfinder -- Author(s): James A. Green -- A new approach to the absolute spectrophotometric calibration of standard stars: Vega and Sirius -- Author(s): Susana E. Deustua; John T. Woodward; Joseph P. Rice; Steven W. Brown; Stephen Maxwell; Florian Kerber; Alain Smette; Ralph C. Bohlin; Clarence J. Zarobila; Thinh Bui; Steven Grantham -- About the development of the first fly-eye telescope -- Author(s): Carmelo Arcidiacono; Lorenzo Cibin; Marco Chiarini; Piero Gregori; Demetrio Pitasi; Francesco Cerutti; Cristiano Simonelli; Roberto Ragazzoni -- The Leighton Chajnantor Telescope: Project update and mechanical structural analysis in preparations for new deployment in Chajnantor, Chile -- Author(s): José Vial; David Arroyo; Cristian Canales; Julio Navarro; Rodrigo A. Reeves; Emilio Dufeu; Sunil R. Golwala; Gary S. Parks; David Woody; Jinpeng Li; Jinbiao Zhao; Yong Ma -- The New Robotic Telescope: progress report -- Author(s): Helen E. Jermak; Josué Barrera; David Copley; Chris M. Copperwheat; Javier De Cos Juez; Javier Gracia Rodriguez; J. J. Fernandez-Valdivia; A. Garcí a Piñero; Carlos M. Gutiérrez; Éamonn Harvey; Maider Insausti; Johan H. Knapen; Antonio Maudes Gutiérrez; Adrian M. McGrath; Asier Oria; Ali Ranjbar; Rafael Rebolo-López; Iain A. Steele; Miguel Torres; Dong Xu; Thirasak Panyaphirawat; Suparerk Aukkaravittayapun -- Gearing up the SPEED wavefront shaping strategy -- Author(s): G. Doyen; M. Beaulieu; P. Martinez; L. Abe -- ASTHROS: The astrophysics stratospheric telescope for high spectral resolution observations at submillimeter-wavelengths -- Author(s): Jose V. Siles; Jorge Pineda; Jonathan H. Kawamura; Paul F. Goldsmith; Pietro N. Bernasconi; Christopher E. Groppi; Joshua O. Gundersen; Loren D. Anderson; Roberto Assef; Cara Battersby; Lauren I. Cleeves; Kristina K. Davis; Tanio Diaz-Santos; Darren J. Hayton; Rodrigo

Herrera-Camus; Ralf Klessen; William D. Langer; Carey Lisse; Philip D. Mauskopf; Imran Mehdi; Jeffrey R. Olson; Laurent Pagani; Markus Roellig; Nicola Schneider; Youngmin Seo; Alexander Tielens -- Front end concept development for a next generation Very Large Array -- Author(s): W. Grammer; D. Urbain; S. Sturgis -- A domeless, mobile 2-meter telescope -- Author(s): J. Kingsley; P. Strittmatter; K. Gonzales; T. Connors; B. Kingsley; B. Jannuzzi; Y. Yoshii; T. Minezaki -- Scaling ALMA antenna to 50m and beyond: challenges and solutions -- Author(s): G. Marchiori; M. Tordi; R. Cimmino; M. Spinola; S. Mian; M. Scomparin -- ESO ELT M5 unit: design and manufacturing status -- Author(s): Elise Vernet; Jean-François Pirard; Constanza Araujo Hauck; Pablo Zuluaga Ramirez; Marc Cayrel; Claire Lamour; Jean Louis Carel; Jean Marc Merceron; Solène Doublet; Clément Charuel; David Hartmann; Dominique Bardon; Florent Mallet; Michel Bougoin; Miguel Redondo; Joan Manel Casalta; Ferran Grañena; Jocelyn Refuba; Alexandre Pages; Frank Claeysen -- ELT M4 adaptive unit ready for integration -- Author(s): Roberto Biasi; Mario Andrichettoni; Gerald Angerer; Andrea Atzeni; Maurizio Groppi; Mauro Manetti; Dietrich Pescollier; Daniele Gallieni; Enzo Anacleto; Lorenzo Crimella; Pierluigi Fumi; Matteo Tintori; Elise Vernet; Marc Cayrel; Aglae Kellerer; Paul Lilley; Pablo Zuluaga-Ramírez; Pavel Kravez; Runa Briguglio; Marco Xompero; Giorgio Pariani; Armando Riccardi; Chiara Selmi; Nicolò Azzaroli -- Mechanism prototyping for the GMT acquisition guiding and wavefront sensing system -- Author(s): Daniel Catropa; Brian McLeod; Joseph D'Arco; Daniel Durusky; Jan Kansky; Derek Kopon; Kenneth McCracken; Stuart McMurdoch; William Podgorski; Antonin Bouchez -- Arrayed wide-angle camera system for wide field imaging and spectroscopy on ELTs: proof-of-concept on-sky test results on McDonald Observatory 2.7m telescope -- Author(s): Hanshin Lee; John M. Good; Brian L. Vattiat; Menelaos K. Poutous -- The University of Tokyo Atacama Observatory 6.5m telescope: Permafrost hazards and the high-altitude infrastructures -- Author(s): Kenji Yoshikawa; Yuzuru Yoshii; Mamoru Doi; Takashi Miyata; Kotaro Kohno; Masuo Tanaka; Kentaro Motohara; Takeo Minezaki; Shigeyuki Sako; Tomoki Morokuma; Toshihiko Tanabe; Bunyo Hatsukade; Masahiro Konishi; Hidenori Takahashi; Takafumi Kamizuka; Hiroaki Sameshima; Natsuko Kato; Mizuki Numata; Tsutomu Aoki; Takao Soyano; Ken'ichi Tarusawa; Norbert Schorghofer; Gabriela Mena -- Developing an install plan for the DKIST carousel cooling system -- Author(s): Brialyn Onodera; James Hoag; Chriselle Galapon Nagata -- High dynamic-range observation using a 1.8-m off-axis telescope PLANETS: feasibility study and telescope design -- Author(s): Masato Kagitani; Takeshi Sakanoi; Yasumasa Kasaba; Yasuhiro Hirahara; Mikio Kurita; Jeffrey R. Kuhn; Svetlana V. Berdyugina; Marcelo Emilio -- Advances for the 4m DAG Telescope in Flange derotator -- Author(s): Onur Keskin; Ali Cem Unal; Ilker Murat Koc; Laurent Jolissaint; Cahit Yesilyaprak -- A new metrology method for optical fiber position detection -- Author(s): Mengtao Li; Jiale Zuo; Shipeng Duan; Zhigang Liu; Hongzhan Hu; Jianping Wang; Jiaru Chu; Zengxiang Zhou -- MSE acquisition and guider system focal plane hardware conceptual design -- Author(s): Peter R. Gillingham; Derrick Salmon; Nicolas Flagey; Kei Szeto; Richard Murowinski; Will Saunders -- Conceptual design for the optomechanical systems of the New Robotic Telescope -- Author(s): A. Oria; M. Torres; J. J. Fernandez-Valdivia; C. M. Gutiérrez; A. García Piñero; D. Copley; A. Ranjbar; J. Gracia Rodríguez -- Stray light analysis and control for the Wide Field Survey Telescope (WFST) -- Author(s): Z. Lou; M. Liang; X. Z. Zheng; H. Xian; C. Zhang; Q.-F. Zhu -- Rubin Observatory primary tertiary mirror cell assembly: integration and functional testing -- Author(s): Felipe Daruich; Douglas Neill; Edward Hileman; Christian Aguilar; Constanza Araujo; Claudio Araya; Michael Booth; Andy Clements; Franco Colleoni; Christopher Contaxis; Eric Coughlin; Ron Harris; Brian Johnson; Garry Knight; Juan Lopez; Neill Mills; Dave Mills; Gary Muller; Freddy Munoz; Ian Ordenes; Jacques Sebag; Edward Stover; Sandrine Thomas; Jeff Urban; Tomislav Vucina; Oliver Wiecha; Bo Xin -- SUNRISE Chromospheric Infrared spectropolarimeter (SCIP) for SUNRISE III: Scan mirror mechanism -- Author(s): Takayoshi Oba; Toshifumi Shimizu; Yukio Katsukawa; Masahito Kubo; Fumihiro Uraguchi; Toshihiro Tsuzuki; Tomonori Tamura; Kazuya Shinoda; Kazuhide Kodeki; Kazuhiko Fukushima; Achim Gandorfer; Jose Carlos del Toro Iniesta -- The Cassegrain focal station of the Gran Telescopio Canarias (GTC) -- Author(s): Rubén Sanquirce; Iñigo Uriarte; Gaizka Murga Llano; Christos Dalgkalis; Javier Ariño; David Fdz. Oteo; Jon Barrena; Germán Prieto; Benjamin Siegel; Alfonso Cardell; Nauzet Salazar -- Metrology of Deep Dish Development array (D3A) for precision alignment and surface deformation analysis -- Author(s): Mohammad N. Islam; Deniz Ölçek -- DREAMS telescope: opto-mechanical design -- Author(s): Tony D. Travouillon; Anna M. Moore; Jamie Soon; Antony Galla; David Adams; John Hart; Brian Taylor -- New prime focus rotator system for the WHT -- Author(s): Ander San Vicente ; Gaizka Murga ; Iñigo Uriarte; David Fernández; Rafael Urrutia; Amaya Mugica; Ramón Campo; Javier Ariño; Lander de Bilbao; Anna Kosmalska; Gavin Dalton; Kevin Middleton; Scott Trager; J. Alfonso L. Aguerri; José Miguel Delgado Hernandez; José Alonso Burgal; José Miguel Herreros; Piercarlo Bonifacio; Antonella Vallenari; Esperanza Carrasco; Don Carlos Abrams;

Kevin Dee; Emilie Lhoméh; Frank Gribbin; Jure Skvarc; Carlos Martin -- Rubin Observatory primary tertiary mirror cell assembly: Optical testing of the fully assembled mirror support -- Author(s): Bo Xin; Doug R. Neill; Sandrine Thomas; Chuck F. Claver; Christopher Contaxis; Ed Hileman; William W. Hubler; Adrian R. Loeff; Kurtis L. Kenagy; Hubert M. Martin; Stephanie Meyen; Michael T. Tuell; Steven C. West -- The multiple jet impingement heat rejecter prototype for the GREGOR Solar Telescope -- Author(s): Francesco Berrilli; Fabio Manni; Daniele Calchetti; Adalia Caroli; Dario Del Moro; Luca Giovannelli; Giovanni Mainella; Giorgio Viavattene; Arnaldo Florio -- Telescopio Nazionale Galileo control system upgrade, new milestone achieved: azimuth axis completed -- Author(s): M. González; H. Pérez Ventura; M. Hernández Diaz; P. Schipani; A. Ghedina; J. San Juan ; N. Hernández; J. Guerra; M. Lodi; L. Riverol ; C. Riverol; C. González; A. Galli; M. Colapietro; S. Savarese -- Towards new servo control algorithms at the TNG telescope -- Author(s): P. Schipani; M. Gonzalez; F. Perrotta; S. Savarese; M. Colapietro; A. Ghedina; M. Hernandez Diaz; H. Ventura -- Trajectory generation methods for radio and optical telescopes -- Author(s): Salvatore Savarese; Francesco Perrotta; Pietro Schipani; Giulio Capasso; Mirko Colapietro; Sergio D'Orsi; Laurent Marty; Francesco Schillirò -- The unanticipated states of direct drive system of Extremely Large Telescope in extreme environment -- Author(s): Shihai Yang; Yun Li; Jiajia Wu; Lingzhe Xu; Xiaojie Gu; Jin Xu; Zhuangzhuang Deng; Zhiwen Gao -- The unanticipated state recognition model of the large telescope drive system -- Author(s): Yun Li; Shihai Yang; Jiajia Wu; Bozhong Gu -- Conceptual design of a fast-slewing mount for the New Robotic Telescope -- Author(s): Ali Ranjbar; David Copley; Iain A. Steele; Eamonn J. Harvey; Miguel Torres; Asier Oria; Javier Gracia Rodríguez -- Correcting primary reflector surface errors produced by excessive thermal dependence on the North American ALMA 12-meter antennas -- Author(s): Art Symmes; Peter Fasel; Jeff Mangum; Klaus Willmeroth -- Development and performance analysis of CSTAR2 Antarctic telescope -- Author(s): Fujia Du; Yu Ye; Chong Pei -- ELT design progress: The main structure -- Author(s): Leo Colussi; Marco Colussi; Gianmarco Franceschini; Pascal Martinez; Maximilian Kraus -- Moving towards daytime observing at the Large Millimeter Telescope -- Author(s): F. Peter Schloerb; Kamal Souccar; Miguel Chávez Dagostino; Daniel Ferrusca Rodriguez; David M. Gale; Arturo Gómez-Ruiz; Andrea Léon Huerta; David H. Hughes; David O. Sánchez-Arguelles; Grant W. Wilson -- Mechanical and optical design of the HIRAX radio telescope -- Author(s): Benjamin R. B. Saliwanchik; Aaron Ewall-Wice; Devin Crichton; Emily R. Kuhn; Deniz Ölçek; Kevin Bandura; Martin Bucher; Tzu-Ching Chang; H. Cynthia Chiang; Kit Gerodias; Kabelo Kesebonye; Vincent MacKay; Kavilan Moodley; Laura B. Newburgh; Viraj Nistane; Jeffrey B. Peterson; Elizabeth Pieters; Carla Pieterse; Keith Vanderlinde; Jonathan L. Sievers; Amanda Weltman; Dallas Wulf -- Effect of the lack of the windscreen at Subaru Telescope -- Author(s): Hirofumi Okita; Tsuyoshi Terai; Olivier Guyon; Naruhisa Takato; Hideki Takami -- NEOSTED infrastructures: The fastest dome on Earth! -- Author(s): Gianpietro Marchiori; Massimiliano Tordi; Leonardo Ghedin; Johana Martinez; Cristiana Manfrin; Cristina Battistel; Udo Kugel; Ernesto Doelling -- The University of Tokyo Atacama Observatory 6.5m Telescope: Design of mirror coating system and its performances II -- Author(s): Hidenori Takahashi; Yuzuru Yoshii; Mamoru Doi; Takashi Miyata; Kotaro Kohno; Masuo Tanaka; Kentaro Motohara; Takeo Minezaki; Shigeyuki Sako; Tomoki Morokuma; Toshihiko Tanabé; Bunyo Hatsukade; Masahiro Konishi; Takafumi Kamizuka; Kentaro Asano; Hiroaki Sameshima; Natsuko Kato; Mizuki Numata; Tsutomu Aoki; Takao Soyano; Ken'ichi Tarusawa; Yoshimitsu Kawai; Hiroshi Ogawa -- Improving the UV reflectance of the aluminum coating of the 4m SOAR Telescope in the Gemini 8-m sputtering coating facility -- Author(s): Nicole David; Cristian Moreno; Roberto Tighe; Rodrigo Alvarez; Jose Piraces; Claudio Araya; Vicente Vergara; Rossano Rivera; Guillermo Dubo -- The University of Tokyo Atacama Observatory 6.5m telescope: Safety management at the extremely high altitude at Chajnantor mountain -- Author(s): Joaquin Collao; Takashi Miyata; Yuzuru Yoshii; Mamoru Doi; Kotaro Kohno; Masuo Tanaka; Takeo Minezaki; Shigeyuki Sako; Tomoki Morokuma; Toshihiko Tanabe; Bunyo Hatsukade; Masahiro Konishi; Takafumi Kamizuka; Kentaro Asano; Hiroaki Sameshima; Natsuko Kato; Mizuki Numata; Hidenori Takahashi; Tsutomu Aoki; Takao Soyano; Ken'ichi Tarusawa; Hisaka Iwano; Yukihiko Hamamichi; Osamu Mastubara -- Alignment of the optical system of the 9.7-m prototype Schwarzschild-Coulter Telescope -- Author(s): C. Adams; R. Alfaro; G. Ambrosi; M. Ambrosio; C. Aramo; W. Benbow; B. Bertucci; E. Bissaldi; M. Bitossi; A. Boiano; C. Bonavolontá; R. Bose; A. Brill; J. H. Buckley; K. Byrum; R. A. Cameron; M. Capasso; M. Caprai; C. E. Covault; L. Di Venere; S. Fegan; Q. Feng; E. Fiandrini; A. Furniss; M. Garczarczyk; F. Garfias; A. Gent; N. Giglietto; F. Giordano; M. M. González; R. Halliday; T. B. Humensky; D. Ribeiro; O. Hervet; G. Hughes; M. Ionica; A. Iriarte; W. Jin; P. Kaaret; D. Kieda; B. Kim; M. Limon; S. Loporchio; T. Meures; B. A. W. Mode; R. Mukherjee; D. Nieto; A. Okumura; N. Otte; N. La Palombara; F. R. Pantaleo; R. Paoletti; G. Pareschi; A. Petrashevskiy; J. Powell; E. Roache; J. Rousselle; A. Rugliancich; J. Ruíz-Díaz-Soto; M. Santander; S. Schlenstedt; S.

Scuderi; R. Shang; G. Sironi; B. Stevenson; L. Stiaccini; L. P. Taylor; L. Tosti; G. Tovmassian; V. Vagelli; M. Valentino; J. Vandebroucke; V. Vassiliev; S. P. Wakely; P. Wilcox; D. A. Williams; P. Yu -- Research on reference fiber for closed-loop measurement of Spectral Survey Telescope -- Author(s): Shipeng Duan; Jiale Zuo; Mengtao Li; Zhigang Liu; Hongzhan Hu; Jianping Wang; Jiaru Chu; Zengxiang Zhou -- The laser antenna surface scanning instrument -- Author(s): Pedro Salas; Paul Marganian; Joseph Brandt; John Shelton; Nathan Sharp; Dennis Egan; Nathaniel D. Sizemore; Carla Beaudet; Laura Jensen; Marty Bloss; Andrew Seymour; Frederic R. Schwab; Felix J. Lockman -- Holographic surface measurement system for the Fred Young Submillimeter Telescope -- Author(s): Xiaodong Ren; Pablo Astudillo; Urs U. Graf; Richard E. Hills; Sebastian Jorquera; Bojan Nikolic; Stephen C. Parshley; Nicolás Reyes; Lars Weikert -- The structure monitoring of the MST prototype of CTA -- Author(s): Victor Barbosa Martins; Markus Garcaarczyk -- Analysis of LAMOST optical fiber positioning units closed-loop operation by dual-telecentric measurement system -- Author(s): Jiale Zuo; Shipeng Duan; Mengtao Li; Zhigang Liu; Hongzhan Hu; Jianping Wang; Jiaru Chu; Zengxiang Zhou -- Out-of-focus holography at the Sardinia Radio Telescope -- Author(s): F. Buffa; G. Serra; S. Poppi; E. Egron; M. Murgia; A. Pinna -- Precision alignment and integration of DESI's focal plane using a laser tracker -- Author(s): William Shourt; Robert Besuner; Joseph Silber; Patrick Dunlop; Matthew Evatt; David Brooks; Peter Doel; Yutong Duan; Kevin Fanning; Enrique Gaztañaga; Paul Martini; Francisco Prada; Michael Schubnell; Gregory Tarle -- The real throughput: Site plus optics plus in-situ cleaning for an optical-IR telescope -- Author(s): Saeko S. Hayashi; Hirofumi Okita; Eric Hansen; Angel Otarola; Takuya Yamashita; Shin Oya; Tomonori Usuda -- Vibration measurements in astronomical observatories toward robust AO and instrument designs -- Author(s): Peter W. G. Byrnes; Thomas L. Hayward; Brian Chinn -- The Herzberg Astronomy and Astrophysics Research Centre's vibration measurement capabilities with applications to astronomical instrumentation -- Author(s): Peter W. G. Byrnes; Adam Densmore; Joeleff Fitzsimmons; Glen Herriot -- ELT M4 system robustness improvement through the addition of active damping -- Author(s): M. Manetti; R. Biasi; A. Atzeni; A. Merler; M. Tintori; D. Gallieni; L. Pettazzi; E. Vernet; M. Cayrel -- The research of intelligentization of control systems for large astronomical optical telescopes -- Author(s): Lingzhe Xu; Chao Lin; Xiaoyan Li; Enpeng Zhang; Tao Wang; Xiangqun Cui; Shihai Yang; Zihuang Cao -- Optics design development of the Simons Observatory Small Aperture Telescopes -- Author(s): Frederick T. Matsuda -- The signal processing chain of the Low Frequency Aperture Array -- Author(s): Gianni Comoretto; Jader Monari; Carolina Belli; Simone Chiarucci; Francesco Schillirò; Marco Schiaffino; Federico Perini; Andrea Mattana; Monica Alderighi; Sergio d'Angelo; Sandro Pastore; Giovanni Naldi; Giuseppe Pupillo; Marco Poloni; Simone Rustichelli; Riccardo Chiello; Kris Zarb Adami; Alessio Magro -- Design and prototyping of the Italian Tile Processing Module 1.6 (ITPM) for the low-frequency aperture array deployment -- Author(s): Francesco Schillirò; Monica Alderighi; Carolina Belli; Simone Chiarucci; Riccardo Chiello; Giovanni Comoretto; Sergio D'Angelo; Alessio Magro; Andrea Mattana; Jader Monari; Giovanni Naldi; Sandro Pastore; Federico Perini; Marco Poloni; Simone Rustichelli; Marco Schiaffino; Kris Zarb Adami -- ALMA front-end and digitizer technical requirements for enabling the ALMA board's 2030 vision roadmap -- Author(s): Shin'ichiro Asayama; Gie Han Tan; Kamaljeet Saini; John Carpenter; Todd Hunter; Neil Phillips; Hiroshi Nagai; Giorgio Siringo; Nick Whyborn -- DKIST's Coude environmental system -- Author(s): Chriselle G. Galapon; Charles R. White -- Sardinia aperture array demonstrator: measurement campaigns of radio frequency interferences -- Author(s): Francesco Gaudiomonte; Adelaide Ladu; Luca Schirru; Andrea Melis; Raimondo Concu; Federico Perini; Matteo Murgia -- The Balloon-borne Large Aperture Submillimeter Telescope Observatory -- Author(s): Ian Lowe; Gabriele Coppi; Peter A. R. Ade; Peter C. Ashton; Jason E. Austermann; James Beall; Susan Clark; Erin G. Cox; Mark J. Devlin; Simon Dicker; Bradley J. Dober; Valentina Fanfani; Laura M. Fissel; Nicholas Galitzki; Jiangsong Gao; Brandon Hensley; Johannes Hubmayr; Steven Li; Zhi-yun Li; Nathan P. Lourie; Peter G. Martin; Philip Mauskopf; Federico Nati; Giles Novak; Giampaolo Pisano; Javier L. Romualdez; Adrian Sinclair; Juan D. Soler; Carole Tucker; Michael Vissers; Jordan Wheeler; Paul A. Williams; Mario Zannoni -- Status of the Sardinia Radio Telescope as a receiver of the BIRALET radar for space debris observations -- Author(s): Tonino Pisanu; Luca Schirru; Enrico Urru; Paolo Maxia -- The Baryon Mapping eXperiment: a 21cm intensity mapping pathfinder -- Author(s): Paul O'Connor; Anze Slosar; Maile Harris; Justine Haupt; John Kuczewski; Emily Kuhn; Laura Newburgh; Annie Polish; Benjamin Saliwanchik; Chris Sheehy; Paul Stankus; Gregory Troiani; William Tyndall -- Current status and future plan of Osaka Prefecture University 1.85-m mm-submm telescope project -- Author(s): Atsushi Nishimura; Kazuki Tokuda; Ryohei Harada; Yutaka Hasegawa; Shota Ueda; Sho Masui; Ryotaro Konishi; Yasumasa Yamasaki; Hiroshi Kondo; Koki Yokoyama; Takeru Matsumoto; Taisei Minami; Masanari Okawa; Shinji Fujita; Ayu Konishi; Yuka Nakao; Shimpei Nishimoto; Sana Kawashita; Sho Yoneyama; Tatsuyuki Takashima; Kenta Goto;

Nozomi Okada; Kimihiro Kimura; Yasuhiro Abe; Kazuyuki Muraoka; Hiroyuki Maezawa; Toshikazu Onishi; Hideo Ogawa -- The Gravitational-wave Optical Transient Observer (GOTO) -- Author(s): Martin J. Dyer; Danny Steeghs; Duncan K. Galloway; Vik S. Dhillon; Paul O'Brien; Gavin Ramsay; Kanthanakorn Noysena; Enric Pallé; Rubina Kotak; Rene Breton; Laura Nuttall; Don Pollacco; Krzysztof Ulaczyk; Joseph Lyman; Kendall D. Ackley -- Status and performance of Lowell Observatory's Lowell Discovery Telescope's active optical support system -- Author(s): Frank Cornelius; Michael Sweaton; Ben A. Hardesty; Michael Collins; Stephen E. Levine -- Simons Observatory Small Aperture Telescope overview -- Author(s): Kenji Kiuchi; Shunsuke Adachi; Aamir M. Ali; Kam Arnold; Peter Ashton; Jason E. Austermann; Andrew Bazako; James A. Beall; Yuji Chinone; Gabriele Coppi; Kevin D. Crowley; Kevin T. Crowley; Simon Dicker; Bradley Dober; Shannon M. Duff; Giulio Fabbian; Nicholas Galitzki; Joseph E. Golec; Jon E. Gudmundsson; Kathleen Harrington; Masaya Hasegawa; Makoto Hattori; Charles A. Hill; Shuay-Pwu Patty Ho; Johannes Hubmayr; Bradley R. Johnson; Daisuke Kaneko; Nobuhiko Katayama; Brian Keating; Akito Kusaka; Jack Lashner; Adrian T. Lee; Frederick Matsuda; Heather McCarrick; Masaaki Murata; Federico Nati; Yume Nishinomiya; Lyman Page; Mayuri Sathyaranayana Rao; Christian L. Reichardt; Kana Sakaguri; Yuki Sakurai; Joseph Sibert; Jacob Spisak; Osamu Tajima; Grant P. Teply; Tomoki Terasaki; Tran Tsan; Samantha Walker; Edward J. Wollack; Zhilei Xu; Kyohei Yamada; Mario Zannoni; Ningfeng Zhu -- Development of the Multi-channel Photometric Survey telescope -- Author(s): Xiangyan Yuan; Zhengyang Li; Xiaowei Liu; Dongsheng Niu; Qishui Lu; Fanghua Jiang; Yuefei Wang; Xiaoyan Li; YongJun Liang; Hai Wang; Chao Zhang; Jinfeng Wang; Bo Li; Jie Tian; Haiping Lu; Bingqiu Chen; Yang Huang; Xiangkun Liu; Zhengqiu Yao; Xiangqun Cui; Guoping Li -- On-site performance of GroundBIRD, a CMB polarization telescope for large angular scale observations -- Author(s): Shunsuke Honda; Jihoon Choi; Ricardo Tanausu Génova-Santos; Makoto Hattori; Masashi Hazumi; Takuji Ikemitsu; Hidesato Ishida; Hikaru Ishitsuka; Yonggil Jo; Kenichi Karatsu; Kenji Kiuchi; Junta Komine; Ryo Koyano; Hiroki Kutsuma; Kyungmin Lee; Satoru Mima; Makoto Minowa; Joonhyeok Moon; Makoto Nagai; Takeo Nagasaki; Masato Naruse; Shugo Oguri; Chiko Otani; Michael Peel; Rafael Rebolo-López; José Alberto Rubiño-Martín; Yutaro Sekimoto; Yoshinori Sueno; Junya Suzuki; Tohru Taino; Osamu Tajima; Nozomu Tomita; Yuta Tsuji; Tomohisa Uchida; Eunil Won; Mitsuhiro Yoshida -- The Tierras Observatory: An ultra-precise photometer to characterize nearby terrestrial exoplanets -- Author(s): Juliana García-Mejía; David Charbonneau; Daniel Fabricant; Jonathan Irwin; Robert Fata; Joseph M. Zajac; Peter E. Doherty -- SkyLab: Research and development facility for ground-based observations -- Author(s): Stanislaw Kozlowski; Dariusz Pazderski; Bartłomiej Krysiak; Radosław Patelski; Tomasz Jedwabny; Krzysztof Kozłowski; Michał Sybis -- Preliminary design of a dual 22/31 GHz single-chip water vapour radiometer -- Author(s): Max T. Behrens; Tinus Stander -- Simulation of atmospheric conditions using a numerical weather prediction model at Dome A, Antarctic: Method and preliminary results -- Author(s): Liyong Liu; Jean Vernin; Yongqiang Yao; Merieme Chadid; Li Nan; Yin Jia -- Embedded system upgrade based on Raspberry Pi computer for a 23/31 GHz dual-channel water vapor radiometer -- Author(s): Daniel Ferrusca ; Jetzael Cuazoson; Jesús Contreras; David Hiriart; Eduardo Ibarra ; Stanley Kurtz; Tinus Stander; Miguel Velázquez -- A prototype model for evaluating SKA-LOW station calibration -- Author(s): A. J. J. van Es; M. G. Labate; M. F. Waterson; J. Monari; P. Bolli; D. Davidson; R. Wayth; M. Sokolowski; P. Di Ninni; G. Pupillo; G. Macario; G. Virone; L. Ciorba; F. Paonessa -- Incoherent clocking for radio telescopes -- Author(s): Brent Carlson -- Panoramic SETI: Overall mechanical system design -- Author(s): Aaron M. Brown; Michael L. Aronson; Shelley A. Wright; Jérôme Maire; Maren Cosen; James H. Wiley; Franklin Antonio; Paul Horowitz; Rick Raffanti; Dan Werthimer; Liu Wei -- Time and frequency distribution for NGVLA -- Author(s): Bill Shillue -- A pentaprism-based opto-mechanical alignment method for Nasmyth telescopes, such as the 4m SOAR telescope and the LSST's 1.2m auxiliary telescope -- Author(s): Roberto Tighe; Mario Rivera; Patricio Schurter; Freddy Muñoz; Rolando Cantarutti; José Piracés; Jacques Sebag -- Upgrading the SOAR telescope calibration wave front sensor system -- Author(s): Nicole David; Marco Bonati; Jose Piraces; Cesar Briceño; Rolando E. Cantarutti; Roberto Tighe

ISBN: 1-5106-3678-1

Materia: Telescopes- Congresses

Autores: Marshall, Heather K., editor Spyromilio, Jason, editor Usuda, Tomonori, editor

Enlace a formato físico adicional: 1-5106-3677-3

Punto acceso adicional serie-Título: Proceedings of SPIE--the International Society for Optical Engineering
Volume 11445

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es