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2. 5D Printing Carinna Parraman 2018-08-15
A guide that examines the history and current state of 2.5D printing and explores the relationship between two and three dimensions 2.5D Printing: Bridging the Gap Between 2D and 3D Applications examines the relationship between two- and three-dimensional printing and explores the current ideas, methods, and applications. It provides insights about the diversity of our material culture and heritage and how this knowledge can be used to design and develop new methods for texture printing. The authors review the evolving research and interest in working towards developing methods to: capture, measure and model the surface qualities of 3D and 2D objects, represent the appearance of surface, material and textural qualities, and print or reproduce the material and textural qualities. The text reflects information on the topic from a broad range of fields including science, technology, art, design, conservation, perception, and computer modelling. 2.5D Printing: Bridging the Gap Between 2D and 3D Applications provides a survey of traditional methods of capturing 2.5D through painting and sculpture, and how the human perception is able to judge and compare differences. This important text: Bridges the gap between the technical and perceptual domains of 2D and 3D printing Discusses perceptual texture, color, illusion, and visual impact to offer a unique perspective Explores how to print a convincing rendering of texture that integrates the synthesis of texture in fine art paintings, with digital deposition printing Describes contemporary methods for capturing surface qualities and methods for modelling and measuring, and ways that it is currently being used Considers the impact of 2.5D for future technologies 2.5D Printing is a hands-on guide that provides visual inspiration, comparisons between traditional and digital technologies, case studies, and a wealth of references to the world of texture printing. Please visit the companion website at: www.wiley.com/go/bridging2d3d.

Diffracting Digital Images Ian Dawson 2021-12-28
Digital imaging techniques have been rapidly adopted within archaeology and cultural heritage practice for the accurate documentation of cultural artefacts. But what is a digital image, and how does it relate to digital photography? The authors of this book take a critical look at the practice and techniques of digital imaging from the stance of digital archaeologists, cultural heritage practitioners and digital artists. Borrowing from the feminist scholar Karen Barad, the authors ask what happens when we diffract the formal techniques of archaeological digital imaging through a different set of disciplinary concerns and practices. Diffracting exposes the differences between archaeologists, heritage practitioners and artists, and foregrounds how their differing practices and approaches enrich and inform each other. How might the digital imaging techniques used by archaeologists be adopted by digital artists, and what are the potentials associated with this adoption? Under the gaze of fine artists, what happens to the fidelity of the digital images made by archaeologists, and what new questions do we ask of the digital image? How can the critical approaches and practices of fine artists inform the future practice of digital imaging in archaeology and cultural heritage? Diffracting Digital Images will be of interest to students and scholars in archaeology, cultural heritage studies, anthropology, fine art, digital humanities, and media theory.

Not Just for Show - Daniella Bar-Yosef Mayer 2017-08-31
Beads, beadwork, and personal ornaments are made of diverse materials such as shell, bone, stones, minerals, and composite materials. Their exploration from geographical and chronological settings around the world offers a glimpse at some of the cutting edge research within the fast growing field of personal ornaments in humanities' past. Recent studies are based on a variety of analytical procedures that highlight humankind's technological advances, exchange networks, mortuary practices, and symbol-laden beliefs. Papers discuss the social narratives behind bead and beadwork manufacture, use and disposal; the way beads work visually, audibly and even tactilely to cue wearers and audience to their social message(s). Understanding the entangled social and technical aspects of beads require a broad spectrum of technical and methodological approaches including the identification of the sources for the raw material of beads. These scientific approaches are also combined in some instances with experimentation to clarify the manner in which beads were produced and used in past societies.

Conservation of Easel Paintings - Joyce Hill Stoner 2020-11-29
Conservation of Easel Paintings, Second Edition provides a much-anticipated update to the previous edition, which has come to be known internationally as an invaluable and comprehensive text on the history, philosophy and methods of the treatment of easel paintings. Including 49 chapters written by more than 90 respected authors from around the world, this volume offers the necessary background knowledge in technical art history, artists' materials and scientific methods of examination and documentation. Later sections of the book provide information about the varying approaches and methods for treatment and issues of preventive conservation, as well as valuable reflections on storage, shipping, and exhibition. Including exciting developments that have taken place since the last edition was published, the book also covers new techniques of examination, especially MacroXRF scanning and Reflectance Transmission Imagery. Drawing on research presented at recent professional conferences, information about innovative methods for cleaning modern and contemporary paintings and insights into modern oil paints is also included. Incorporating the latest regulations and understanding of health and safety practices and integrating theory with practice throughout, Conservation of Easel Paintings, Second Edition will continue to be an indispensable reference for practicing conservators. It will also be an essential resource for students taking conservation courses around the world.

Augmented and Virtual Reality - Lucio Tommaso De Paolis 2014-12-09
This book constitutes the thoroughly revised papers of the First International Conference on Augmented and Virtual Reality, AVR 2014, held in Lecce, Italy, in September 2014. The 28 papers, 2 tutorials and 3 keynotes presented were carefully reviewed and selected from 76 submissions. They include topics from virtual/augmented/mixed reality to 3D user interfaces and the technology needed to enable these environments to a wide range of applications (medical, entertainment, military, design, manufacture, maintenance, arts and cultural heritage).

CAA2015. Keep The Revolution Going - Stefano Campana 2016-03-31
This volume brings together all the successful peer-reviewed papers submitted for the proceedings of the 43rd conference on Computer Applications and Quantitative Methods in Archaeology that took place in Siena (Italy) from March 31st to April 2nd 2015.

Myth, Materiality, and Lived Religion - Peter Jackson Rova 2019-05-30
The authors of the present volume, Myth, Materiality, and Lived Religion, focus on the material dimension of Old Norse mythology and the role played by myths in everyday life. More broadly expressed, the collection looks at the social, ceremonial and material contexts of myths. This topic has been underexplored in previous research on Old Norse myths, despite its important theoretical implications. However, discussions around materiality, in a more general sense, have for a long time been signifi cant for historians of religion, especially archaeologists. Myth, Materiality, and Lived Religion seeks to make the case for the relevance of materiality to literary historians and philologists as well. Questions relating to the theme of materiality and lived religion are posed in this book, including: What do myths tell us about the material culture of the periods in which they were narrated? What role did myths or mythical beings play in connection to, for instance, illnesses and remedies during the Viking Period and the Middle Ages? How did ordinary people experience participation in a more formal sacrifi cial feast led by ritual specialists? The editors of this book are all associated with the Department of Ethnology, History of Religions and Genders Studies at

Stockholm University, Sweden.

Handbook of Ancient Nubia - Dietrich Raue 2019-06-04
Numerous research projects have studied the Nubian cultures of Sudan and Egypt over the last thirty years, leading to significant new insights. The contributions to this handbook illuminate our current understanding of the cultural history of this fascinating region, including its interconnections to the natural world.

Materiality of Greek and Roman Curse Tablets - Raquel Martin Hernandez 2022-09-26
The study of ancient curse tablets (defixiones or defixionum tabellae) throughout the twentieth century was based almost exclusively on the texts they contained, leaving aside, as less interesting, the analysis of the materiality of the magical artifacts on which the texts were written. The curse tablets, which were inscribed and subsequently deposited during rituals for aggressive purposes, present important material characteristics and states of preservation that deserve to be part of the analysis to which they are normally subjected. This volume contains essays on important aspects related to the materiality of lead tablets: conservation and restoration, multispectral photography, computational image processing, and paleographic analysis. The material approach to the study of the tablets in recent years is put in context in an epilogue.

Making a Mark - Andrew Meirion Jones 2019-03-31
The visual imagery of Neolithic Britain and Ireland is spectacular. While the imagery of passage tombs, such as Knowth and Newgrange, are well known the rich imagery on decorated portable artefacts is less well understood. How does the visual imagery found on decorated portable artefacts compare with other Neolithic imagery, such as passage tomb art and rock art? How do decorated portable artefacts relate chronologically to other examples of Neolithic imagery? Using cutting edge digital imaging techniques, the Making a Mark project examined Neolithic decorated portable artefacts of chalk, stone, bone, antler, and wood from three key regions: southern England and East Anglia; the Irish Sea region (Wales, the Isle of Man and eastern Ireland); and Northeast Scotland and Orkney. Digital analysis revealed, for the first time, the prevalence of practices of erasure and reworking amongst a host of decorated portable artefacts, changing our understanding of these enigmatic artefacts. Rather than mark making being a peripheral activity, we can now appreciate the central importance of mark making to the formation of Neolithic communities across Britain and Ireland. The volume visually documents and discusses the contexts of the decorated portable artefacts from each region, discusses the significance and chronology of practices of erasure and reworking, and compares these practices with those found in other Neolithic contexts, such as passage tomb art, rock art and pottery decoration. A contribution from Antonia Thomas also discusses the settlement art and mortuary art of Orkney, while Ian Dawson and Louisa Minkin contribute with a discussion of the collaborative fine art practices established during the project.

Taymāʾ II: Catalogue of the Inscriptions Discovered in the Saudi-German Excavations at Taymāʾ 2004–2015 - Michael C.A. Macdonald 2021-03-31
The Catalogue contains all inscriptions discovered during 24 seasons of Saudi-German excavations at Taymāʾ, 2004–15. The 113 objects carry inscriptions in different languages and scripts, including Babylonian cuneiform, Imperial Aramaic inscriptions, Arabic inscriptions and more, illustrating the linguistic diversity of the oasis through time.

Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection - Marinos Ioannides 2018-10-15
This two-volume set LNCS 11196 and LNCS 11197 constitutes the refereed proceedings of the 7th International Conference on Digital Heritage, EuroMed 2018, held in Nicosia, Cyprus, in October/November 2018. The 21 full papers, 47 project papers, and 29 short papers presented were carefully reviewed and selected from 537 submissions. The papers are organized in topical sections on 3D Digitalization, Reconstruction, Modeling, and HBIM; Innovative Technologies in Digital Cultural Heritage; Digital Cultural Heritage –Smart Technologies; The New Era of Museums and Exhibitions; Digital Cultural Heritage Infrastructure; Non Destructive Techniques in Cultural Heritage Conservation; E-Humanities; Reconstructing the Past; Visualization, VR and AR Methods and Applications; Digital Applications for Materials Preservation in Cultural Heritage; and Digital Cultural Heritage Learning and Experiences.

VAST 2005 - Mark Mudge 2005-08-15

Digital Image Capture and File Storage - Steve Cole 2015-07-29
The silver-based emulsion and chemical process used successfully for many years for the capture and storage of images has now largely been superseded by the introduction of digital technology. The widespread use of digital cameras among imaging professionals, archaeologists and the general public has created a vast array of digital information. If this information is to be of use now and for future generations, it requires the application of a systematic approach to how it is captured and stored. Digital technology is still in its infancy compared with the long-established technique of using silver-based emulsions on glass plate or film to produce images that have, with suitable development and storage, proven to be stable and enduring. Some would argue that our records should still be made in this way, but film is becoming more difficult to source. In addition, film-processing laboratories are disappearing from our high streets, making local processing a thing of the past in all but the largest cities. The tide has turned in favour of digital image capture, which offers many benefits that offset its unproven longevity. However, part of the problem with the digital environment is that its boundaries and possibilities are constantly changing. This publication offers guidance on digital image capture and storage to assist those involved with the making and keeping of images of the historic environment. It does not provide definitive answers regarding the problems of taking and storing digital images but does provide an overview of current recommendations.

Ancient Worlds in Digital Culture - Claire Clivaz 2016-08-15
The volume presents a selection of research projects in Digital Humanities applied to the "Biblical Studies" in the widest sense and context. Taken as a whole, the volume restitutes the merging Digital Culture at the beginning of the 21st century.

Computational Color Imaging - Alain Trémeau 2015-02-20
This book constitutes the refereed proceedings of the 5th Computational Color Imaging Workshop, CCIW 2015, held in Saint-Étienne, France, in March 2015. The 17 revised full papers, presented together with 5 invited papers, were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on color reproduction, color sensation and perception, color image processing, spectral imaging, and color in digital cultural heritage.

The Oxford Handbook of the Archaeology and Anthropology of Rock Art - Bruno David 2018
This handbook is currently in development, with individual articles publishing online in advance of print publication. At this time, we cannot add information about unpublished articles in this handbook, however the table of contents will continue to grow as additional articles pass through the review process and are added to the site. Please note that the online publication date for this handbook is the date that the first article in the title was published online. For more information, please read the site FAQs.

The DAM Book - Peter Krogh 2009-04-27
One of the main concerns for digital photographers today is asset management: how to file, find, protect, and re-use their photos. The best solutions can be found in The DAM Book, our bestselling guide to managing digital images efficiently and effectively. Anyone who shoots, scans, or stores digital photographs is practicing digital asset management (DAM), but few people do it in a way that makes sense. In this second edition, photographer Peter Krogh -- the leading expert on DAM -- provides new tools and techniques to help professionals, amateurs, and students: Understand the image file lifecycle: from shooting to editing, output, and permanent storage Learn new ways to use metadata and key words to track photo files Create a digital archive and name files clearly Determine a strategy for backing up and validating image data Learn a catalog workflow strategy, using Adobe Bridge, Camera Raw, Adobe Lightroom, Microsoft Expression Media, and Photoshop CS4 together Migrate images from one file format to another, from one storage medium to another, and from film to digital Learn how to copyright images To identify and protect your images in the marketplace, having a solid asset management system is essential. The DAM Book offers the best approach.

Criminal Dismemberment - Sue Black 2017-05-18
Criminal Dismemberment is the first book to examine dismemberment as a phenomenon in the context of criminal acts. While the number of such dismemberment cases in any given country is often small, the notion of dismemberment captures the imagination, often leading many to question the motivations as to why anyone would perpetrate such an unnatural act. The act of dismemberment, in its original form, referred to cutting, tearing, pulling, wrenching or otherwise separating the limbs from a living being as a form a capital punishment. In today's society, it has become associated most frequently with the criminal act of

sectioning the remains of the dead in an attempt to conceal the death and dispose of the remains or make the process of identification of the deceased more difficult to achieve. Drawing on expertise from leading forensic anthropologists, pathologists, and forensic materials engineers, the book brings together much of the literature on criminal dismemberment—viewing it from the investigative, forensic, and social science perspectives. Key features include: Psychological analysis of the perpetrator Detailed examination of case studies, anonymized from recent investigations Difficulties encountered in a dismemberment investigation Tool mark analysis, including knives and saws, accompanied by over 120 detailed, full-color illustrations and photographs Serves as a unique and useful resource in the investigation of dismembered human remains The diverse backgrounds of the contributors offers a thorough account of such topics as the history of dismemberment, the forensic pathology in such cases, the importance of developing a common vocabulary in terminology used, the legal admissibility in dismemberment cases. As such, Criminal Dismemberment will serve as a comprehensive reference for students and practitioners alike.

The Future of Heritage Science and Technologies - Rocco Furferi 2022-10-11
This book gathers a selection of contributions dealing with the application of mechanical engineering for preserving and managing cultural heritage. It covers advanced techniques for 3D survey, modeling and simulation, reconstruction, data management as well as advanced diagnostics and testing methods. It highlights strategies to foster sustainability, inclusivity, energy saving and waste reuse in preventive conservation of historical buildings and sculptures, and large heritage sites. Based on contributions presented at the 3rd Florence Heri-Tech International Conference, held on May, 16-18, 2022, in Firenze, Italy, this book offers a timely source of information concerning engineering methods in heritage for both researchers and professionals in the field.

The Archaeology of Art - Andrew Meirion Jones 2018-05-20
How can archaeologists interpret ancient art and images if they do not treat them as symbols or signifiers of identity? Traditional approaches to the archaeology of art have borrowed from the history of art and the anthropology of art by focusing on iconography, meaning, communication and identity. This puts the archaeology of art at a disadvantage as an understanding of iconography and meaning requires a detailed knowledge of historical or ethnographic context unavailable to many archaeologists. Rather than playing to archaeology's weaknesses, the authors argue that an archaeology of art should instead play to archaeology's strength: the material character of archaeological evidence. Using case studies - examining rock art, figurines, beadwork, murals, coffin decorations, sculpture and architecture from Europe, the Americas, Asia, Australia, and north Africa -the authors develop an understanding of the affective and effective nature of ancient art and imagery. An analysis of a series of material-based practices, from gesture and improvisation to miniaturisation and gigantism, assembly and disassembly and the use of distinctions in colour enable key concepts, such as style and meaning, to be re-imagined as affective practices. Recasting the archaeology of art as the study of affects offers a new prospectus for the study of ancient art and imagery.

Digitizing Medieval Manuscripts - Bill Endres 2019-08-31
What does it mean to digitize a medieval manuscript? This book examines this question by exploring a range of advanced imaging technologies. The author focuses on the relationship between digital technologies and the complex materiality of manuscripts and the human bodies that engage them.The chapters explore imaging technologies, interfaces to present digital surrogates, and limitations to and enhancements through the digital, plus historical photographs. Essential reading for all those involved in manuscript digitization projects in both scholarly and cultural heritage contexts.

Between Worlds - Lindsey Büster 2018-12-18
The recent resurgence of academic interest in caves has demonstrated the central roles they played as arenas for ritual, ceremony and performance, and their importance within later prehistoric cosmologies. Caves represent very particular types of archaeological site and require novel approaches to their recording, interpretation and presentation. This is especially true in understanding the ritual use of caves, when the less tangible aspects of these environments would have been fundamental to the practices taking place within them. Between Worlds explores new theoretical frameworks that examine the agency of these enduring 'natural' places and the complex interplay between environment, taphonomy and human activity. It also showcases the

application of innovative technologies, such as 3D laser-scanning and acoustic modelling, which provide new and exciting ways of capturing the experiential qualities of these enigmatic sites. Together, these developments offer more nuanced understandings of the role of caves in prehistoric ritual, and allow for more effective communication, management and presentation of cave archaeology to a wide range of audiences.

Tropical Architecture - Maxwell Fry 1964
In the dry and humid zones

Object:photo - Mitra Abbaspour 2014
OBJECT:PHOTO shifts the dialogue about modernist photography from an emphasis on the subject and the image to the actual photographic object, created by a certain artist at a particular time and present today in its unique physicality. This shift is especially significant for a study of the period during which photography developed a distinctive formal language. A growing awareness of the rarity of images made between the two world wars has altered historians' considerations, encouraging new approaches privileging the originality of each work and the density of references each contains. This richly illustrated publication culminates a four-year collaborative research endeavor between The Museum of Modern Art's Departments of Photography and Conservation, and nearly 30 visiting scholars, on the material and aesthetic evolution of avant-garde photography in the early twentieth century. The 341 modernist photographs known as The Thomas Walther Collection, a major museum acquisition made in 2001, is presented in its entirety, establishing a new standard of depth for the medium. Essays by curators, researchers, and conservators consider the history of collecting from this era to the present and how deepening knowledge has shifted the perspective on the medium; the material facts of the Walther pictures as a baseline for understanding the development of photographic materials in this era; and how the intellectual formation of the writers of critical photographic publications of the era and the societal and cultural pressures of that historical moment inflected the photography's sense of its own history. Together with thematic, object-based case studies of groups of pictures that demonstrate new approaches in specific, divergent examples, these contributions reanimate the dialogue on this formative era in photography.

Digital Techniques for Documenting and Preserving Cultural Heritage - Anna Bentkowska-Kafel 2017
This book presents interdisciplinary approaches to the examination and documentation of material cultural heritage, using non-invasive spatial and spectral optical technologies.

A Portable Cosmos - Alexander Jones 2017
"The Antikythera Mechanism, now 82 small fragments of corroded bronze, was an ancient Greek machine simulating the cosmos as the Greeks understood it. Reflecting the most recent researches, A Portable Cosmos presents it as a gateway to Greek astronomy and technology and their place in Greco-Roman society and thought"--

Proceedings of the Prehistoric Society for ... - 2005

Not Just for Show - Daniella Bar-Yosef Mayer 2017-08-31
Beads, beadwork, and personal ornaments are made of diverse materials such as shell, bone, stones, minerals, and composite materials. Their exploration from geographical and chronological settings around the world offers a glimpse at some of the cutting edge research within the fast growing field of personal ornaments in humanities' past. Recent studies are based on a variety of analytical procedures that highlight humankind's technological advances, exchange networks, mortuary practices, and symbol-laden beliefs. Papers discuss the social narratives behind bead and beadwork manufacture, use and disposal; the way beads work visually, audibly and even tactilely to cue wearers and audience to their social message(s). Understanding the entangled social and technical aspects of beads require a broad spectrum of technical and methodological approaches including the identification of the sources for the raw material of beads. These scientific approaches are also combined in some instances with experimentation to clarify the manner in which beads were produced and used in past societies.

Conservation Science - Paul Garside 2021-12-03
Conservation techniques for the analysis and preservation of heritage materials are constantly progressing. Building on the first edition of Conservation Science, this new edition incorporates analytical techniques and data processing methods that have emerged in the past decade and presents them alongside notable case studies for each class of material. An introductory chapter on analytical techniques provides a succinct overview to bring the reader up-to-speed with which type of

material each technique is suitable for, the differing sampling techniques that can be employed, and the handling and processing of the resultant data. Subsequent chapters go on to cover all common heritage materials in turn, from natural substances such as wood and stone to modern plastics, detailing the up-to-date techniques for their analysis. With contributions by scientists working in the museum and heritage sector, this textbook will interest students, scientists involved in conservation, and conservators who want to develop their understanding of their collections at a material level.

Science and Digital Technology for Cultural Heritage - Interdisciplinary Approach to Diagnosis, Vulnerability, Risk Assessment and Graphic Information Models - Pilar Ortiz Calderón 2019-11-28
The scientific and technological advances that influence the protection of cultural heritage are developing at an ever-increasing pace. Systems to explore, research and analyse their materiality, to control the different scopes, or to represent and model them have reached an unprecedented dimension in recent decades. The Network of Science and Technology for the Conservation of Cultural Heritage aims to promote collaboration between the agents of these systems, in order to facilitate the sharing of experiences and to foster technology transfer, with the common goal of contributing to the conservation of Cultural Heritage. In the context of the TechnoHeritage Network, the fourth edition of the International Congress on Science and Technology for the Conservation of Cultural Heritage was held March 26-30, 2019, in Seville, Spain. This Congress was an international meeting of researchers and specialists from multiple areas, whose line of work is the knowledge and conservation of Cultural Heritage. Among all the topics discussed, the role and impact of digital technologies for the knowledge, maintenance, management and dissemination of cultural heritage should be highlighted. Digital media modify the way of understanding this heritage, of perceiving it and transmitting it, and offer a new horizon of strategies to make decision-making more sustainable over time.

Advancement of Optical Methods in Experimental Mechanics, Volume 3 - Helena Jin 2013-08-30
Advancement of Optical Methods in Experimental Mechanics: Proceedings of the 2013 Annual Conference on Experimental and Applied Mechanics, the third volume of eight from the Conference, brings together contributions to this important area of research and engineering. The collection presents early findings and case studies on a wide range of optical methods ranging from traditional photoelasticity and interferometry to more recent DIC and DVC techniques, and includes papers in the following general technical research areas: Optical metrology and displacement measurements at different scales Digital holography and experimental mechanics Optical measurement systems using polarized light Surface topology Digital image correlation Optical methods for MEMS and NEMS Three-dimensional imaging and volumetric correlation Imaging methods for thermomechanics applications 3D volumetric flow measurement Applied photoelasticity Optical residual stress measurement techniques Advances in imaging technologies

Writing as Material Practice - Kathryn E. Piquette 2013-12-18
Writing as Material Practice grapples with the issue of writing as a form of material culture in its ancient and more recent manifestations, and in the contexts of production and consumption. Fifteen case studies explore the artefactual nature of writing — the ways in which materials, techniques, colour, scale, orientation and visibility inform the creation of inscribed objects and spaces, as well as structure subsequent engagement, perception and meaning making. Covering a temporal span of some 5000 years, from c.3200 BCE to the present day, and ranging in spatial context from the Americas to the Near East, the chapters in this volume bring a variety of perspectives which contribute to both specific and broader questions of writing materialities. The authors also aim to place past graphical systems in their social contexts so they can be understood in relation to the people who created and attributed meaning to writing and associated symbolic modes through a diverse array of individual and wider social practices.

The Materiality of Texts from Ancient Egypt - 2018-10-08
The Materiality of Texts from Ancient Egypt offers nine articles with new approaches to the material aspects of writing, writing supports, and scribal practice from Pharaonic to Late Antique Egypt. Case studies include Greek and Egyptian papyri and ostraca, inscriptions and graffiti.

(40w)

Computer Vision – ECCV 2016 Workshops - Gang Hua 2016-09-17
The three-volume set LNCS 9913, LNCS 9914, and LNCS 9915 comprises the refereed proceedings of the Workshops that took place in conjunction with the 14th European Conference on Computer Vision, ECCV 2016, held in Amsterdam, The Netherlands, in October 2016. 27 workshops from 44 workshops proposals were selected for inclusion in the proceedings. These address the following themes: Datasets and Performance Analysis in Early Vision; Visual Analysis of Sketches; Biological and Artificial Vision; Brave New Ideas for Motion Representations; Joint Imagenet and MS Coco Visual Recognition Challenge; Geometry Meets Deep Learning; Action and Anticipation for Visual Learning; Computer Vision for Road Scene Understanding and Autonomous Driving; Challenge on Automatic Personality Analysis; BioImage Computing; Benchmarking Multi-Target Tracking: MOTChallenge; Assistive Computer Vision and Robotics; Transferring and Adapting Source Knowledge in Computer Vision; Recovering 6D Object Pose; Robust Reading; 3D Face Alignment in the Wild and Challenge; Egocentric Perception, Interaction and Computing; Local Features: State of the Art, Open Problems and Performance Evaluation; Crowd Understanding; Video Segmentation; The Visual Object Tracking Challenge Workshop; Web-scale Vision and Social Media; Computer Vision for Audio-visual Media; Computer VISion for ART Analysis; Virtual/Augmented Reality for Visual Artificial Intelligence; Joint Workshop on Storytelling with Images and Videos and Large Scale Movie Description and Understanding Challenge.

Science in the Study of Ancient Egypt - Sonia Zakrzewski 2015-12-22
Science in the Study of Ancient Egypt takes an innovative and integrated approach to the use of scientific techniques and methodologies within the study of ancient Egypt. Accessibly demonstrating how to integrate scientific methodologies into Egyptology broadly, and in Egyptian archaeology in particular, this volume will help to maximise the amount of information that can be obtained within a study of ancient Egypt, be it in the field, museum, or laboratory. Using a range of case studies which exemplify best practice within Egyptian archaeological science, Science in the Study of Ancient Egypt presents both the scientific methods of analysis available and their potential applications to Egyptologists. Although Egyptology has mainly shown a marked lack of engagement with recent archaeological science, the authors illustrate the inclusive but varied nature of the scientific archaeology which is now being undertaken, demonstrating how new analytical techniques can develop greater understanding of Egyptian data.

Modern and Contemporary Paintings - Lisa N. Peters 2012-07-12

Digital Imaging of Artefacts: Developments in Methods and Aims - Kate Kelley 2018-11-30
Proceedings from a workshop held at Wolfson College, Oxford in 2017. In light of rapid technological developments in digital imaging, this volume aims to inform specialist and general readers about some of the ways in which imaging technologies are transforming the study and presentation of archaeological and cultural artefacts.

Masada - Jodi Magness 2021-06-08
The dramatic story of the last stand of a group of Jewish rebels who held out against the Roman Empire, as revealed by the archaeology of its famous site Two thousand years ago, 967 Jewish men, women, and children—the last holdouts of the revolt against Rome following the fall of Jerusalem and the destruction of the Second Temple—reportedly took their own lives rather than surrender to the Roman army. This dramatic event, which took place on top of Masada, a barren and windswept mountain overlooking the Dead Sea, spawned a powerful story of Jewish resistance that came to symbolize the embattled modern State of Israel. Incorporating the latest findings, Jodi Magness, an archaeologist who has excavated at Masada, explains what happened there—and what it has come to mean since. Featuring numerous illustrations, this is an engaging exploration of an ancient story that continues to grip the imagination today.

Stories in the Rocks - Sandra L. Olsen 2013-05-20
This book explores rock art localities all across Saudi Arabia, describing them in detail and providing a chronology for them. The text is written for a broad audience and the book contains a large quantity of high quality photographs. Author: Sandra L. Olsen, Photographs by Richard T. Bryant.