

Closed Captioning Subtitling Stenography And The Digital Convergence Of Text With Television Johns Hopkins Studies In The History Of Technology

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OAH Annual Meeting - Organization of American Historians. Meeting 2008

Computers Helping People with Special Needs - Klaus Miesenberger 2020-09-09

The two-volume set LNCS 12376 and 12377 constitutes the refereed proceedings of the 17th International Conference on Computers Helping People with Special Needs, ICCHP 2020, held in Lecco, Italy, in September 2020. The conference was held virtually due to the COVID-19 pandemic. The 104 papers presented were carefully reviewed and selected from 206 submissions. Included also are 13 introductions. The papers are organized in the following topical sections: Part I: user centred design and user participation in inclusive R&D; artificial intelligence, accessible and assistive technologies; XR accessibility - learning from the past, addressing real user needs and the technical architecture for inclusive immersive environments; serious and fun games; large-scale web accessibility observatories; accessible and inclusive digital publishing; AT and accessibility for blind and low vision users; Art Karshmer lectures in access to mathematics, science and engineering; tactile graphics and models for blind people and recognition of shapes by touch; and environmental sensing technologies for visual impairment Part II: accessibility of non-verbal communication: making spatial information accessible to people with disabilities; cognitive disabilities and accessibility - pushing the boundaries of inclusion using digital technologies and accessible eLearning environments; ICT to support inclusive education - universal learning design (ULD); hearing systems and accessories for people with hearing loss; mobile health and mobile rehabilitation for people with disabilities: current state, challenges and opportunities; innovation and implementation in the area of independent mobility through digital technologies; how to improve interaction with a text input system; human movement analysis for the design and evaluation of interactive systems and assistive devices; and service and care provision in assistive environments 11 chapters are available open access under a Creative Commons Attribution 4.0 International License via link.springer.com.

Program of the ... Annual Meeting of the American Historical Association - American Historical Association. Meeting 2008

Some programs include also the programs of societies meeting concurrently with the association.

Telegraphic Realism - Richard Menke 2008

Telegraphic Realism demonstrates the connections between British nineteenth-century fiction, media technologies, and developing ideas about information, from the postage stamp to wireless.

Disability and Digital Television Cultures - Katie Ellis 2019-01-18

Disability and Digital Television Cultures offers an important addition to scholarly studies at the intersection of disability and media, examining disability in the context of digital television access, the representation and reception. Television, as a central medium of communication, has marginalized people with disability through both representation on screen and the lack of accessibility to this medium. With accessibility options becoming available as television is switched to digital transmissions, audience research into television representations must include a corresponding consideration of access. This book provides a comprehensive and critical study of the way people with disability access and watch digital TV. International case studies and media reports are complimented by findings of a user-focused study into

accessibility and representation captured during the Australian digital television switchover in 2013-2014. This book will provide a reliable, independent guide to fundamental shifts in media access while also offering insight from the disability community. It will be essential reading for researchers working on disability and media, as well as television, communications and culture; upper-level undergraduate and postgraduate students in cultural studies; along with general readers with an interest in disability and digital culture.

Faxed - Jonathan Coopersmith 2015-02-28

Faxed is the first history of the facsimile machine—the most famous recent example of a tool made obsolete by relentless technological innovation. Jonathan Coopersmith recounts the multigenerational, multinational history of that device from its origins to its workplace glory days, in the process revealing how it helped create the accelerated communications, information flow, and vibrant visual culture that characterize our contemporary world. Most people assume that the fax machine originated in the computer and electronics revolution of the late twentieth century, but it was actually invented in 1843. Almost 150 years passed between the fax's invention in England and its widespread adoption in tech-savvy Japan, where it still enjoys a surprising popularity. Over and over again, faxing's promise to deliver messages instantaneously paled before easier, less expensive modes of communication: first telegraphy, then radio and television, and finally digitalization in the form of email, the World Wide Web, and cell phones. By 2010, faxing had largely disappeared, having fallen victim to the same technological and economic processes that had created it. Based on archival research and interviews spanning two centuries and three continents, Coopersmith's book recovers the lost history of a once-ubiquitous technology. Written in accessible language that should appeal to engineers and policymakers as well as historians, Faxed explores themes of technology push and market pull, user-based innovation, and "blackboxing" (the packaging of complex skills and technologies into packages designed for novices) while revealing the inventions inspired by the fax, how the demand for fax machines eventually caught up with their availability, and why subsequent shifts in user preferences rendered them mostly passé.

Social Informatics - Pnina Fichman 2014-03-17

Social Informatics: Past, Present and Future is a collection of twelve papers that provides a state-of-the-art review of 21st century social informatics. Two papers review the history of social informatics, and show that its intellectual roots can be found in the late 1970s and early '80s and that it emerged in several different locations around the world before it coalesced in the US in the mid-1990s. The evolution of social informatics is described under four periods: foundational work, development and expansion, a robust period of coherence, and a period of diversification that continues today. Five papers provide a view of the breadth and depth of contemporary social informatics, demonstrating the diversity of theoretical and methodological approaches that can be used. A further five papers explore the future of social informatics and offer provocative and disparate visions of its trajectory, ranging from arguments for a new philosophical grounding for social informatics, to calls for a social informatics based on practice thinking and materiality. This book presents a view of SI that emphasizes the core relationship among people, ICT and organizational and social life from a perspective that integrates aspects of social theory and

demonstrates clearly that social informatics has never been a more necessary research endeavor than it is now.

Subtitling - Jorge Díaz Cintas 2020-12-29

Subtitling: Concepts and Practices provides students, researchers and practitioners with a research-based introduction to the theory and practice of subtitling. The book, inspired by the highly successful Audiovisual Translation: Subtitling by the same authors, is a new publication reflecting the developments in practice and research that mark subtitling today, while considering the way ahead. It supplies the core concepts that will allow its users to acquaint themselves with the technical, linguistic and cultural features of this specific yet extremely diverse form of audiovisual translation and the many contexts in which it is deployed today. The book offers concrete subtitling strategies and contains a wealth of examples in numerous languages for dealing with specific translation problems. State-of-the art translation technologies and their impact on the profession are explored along with a discussion of the ways in which they cater for the socio-political, multicultural and multilingual challenges that audiovisual productions and their translations must meet today. A truly multimedia package, *Subtitling: Concepts and Practices* comes with a companion website which includes a wide range of exercises with answer keys, video clips, dialogue lists, a glossary of the concepts and terminology used in the industry and much more. It also provides access to a professional desktop subtitle editor, Wincaps Q4, and a leading cloud-based subtitling platform, OONA.

[Audio Description in Australia](#) - Katie Ellis 2019-03-27

The SAGE Encyclopedia of Human Communication Sciences and Disorders - Jack S. Damico 2019-03-01

The SAGE Encyclopedia of Human Communication Sciences and Disorders is an in-depth encyclopedia aimed at students interested in interdisciplinary perspectives on human communication—both normal and disordered—across the lifespan. This timely and unique set will look at the spectrum of communication disorders, from causation and prevention to testing and assessment; through rehabilitation, intervention, and education. Examples of the interdisciplinary reach of this encyclopedia: A strong focus on health issues, with topics such as Asperger's syndrome, fetal alcohol syndrome, anatomy of the human larynx, dementia, etc. Including core psychology and cognitive sciences topics, such as social development, stigma, language acquisition, self-help groups, memory, depression, memory, Behaviorism, and cognitive development Education is covered in topics such as cooperative learning, special education, classroom-based service delivery The editors have recruited top researchers and clinicians across multiple fields to contribute to approximately 640 signed entries across four volumes.

Program of the ... Annual Meeting - Organization of American Historians. Meeting 2008

The Cybernetics Moment - Ronald R. Kline 2015-07-15

Choice Outstanding Academic Title Cybernetics—the science of communication and control as it applies to machines and to humans—originates from efforts during World War II to build automatic anti-aircraft systems. Following the war, this science extended beyond military needs to examine all systems that rely on information and feedback, from the level of the cell to that of society. In *The Cybernetics Moment*, Ronald R. Kline, a senior historian of technology, examines the intellectual and cultural history of cybernetics and information theory, whose language of “information,” “feedback,” and “control” transformed the idiom of the sciences, hastened the development of information technologies, and laid the conceptual foundation for what we now call the Information Age. Kline argues that, for about twenty years after 1950, the growth of cybernetics and information theory and ever-more-powerful computers produced a utopian information narrative—an enthusiasm for information science that influenced natural scientists, social scientists, engineers, humanists, policymakers, public intellectuals, and journalists, all of whom struggled to come to grips with new relationships between humans and intelligent machines. Kline traces the relationship between the invention of computers and communication systems and the rise, decline, and transformation of cybernetics by analyzing the lives and work of such notables as Norbert Wiener, Claude Shannon, Warren McCulloch, Margaret Mead, Gregory Bateson, and Herbert Simon. Ultimately, he reveals the crucial role played by the cybernetics moment—when cybernetics and information theory were seen as

universal sciences—in setting the stage for our current preoccupation with information technologies. "Nowhere in the burgeoning secondary literature on cybernetics in the last two decades is there a concise history of cybernetics, the science of communication and control that helped usher in the current information age in America. Nowhere, that is, until now . . . Readers have in *The Cybernetics Moment* the first authoritative history of American cybernetics."—*Information & Culture* "[A]n extremely interesting and stimulating history of the concepts of cybernetics . . . This is a book for everyone to read, relish, and think about."—Choice "As a whole, the book presents a comprehensive in-depth retrospective analysis of the contribution of the American scientific school to the making, formation, and development of cybernetics and information theory. An unquestionable advantage of the book is the skillful use of numerous bibliographic sources by the author that reflect the scientific, engineering, and social significance of the questions being considered, competition of ideas and developments, and also interrelations between scientists."—*Cybernetics and System Analysis* "Dr. Kline is perhaps uniquely situated to take on so large and complicated [a] topic as cybernetics . . . Readers unfamiliar with Wiener and his work are well advised to start with this well-written and thorough book. Those who are already familiar will still find much that is new and informative in the thorough research and reasoned interpretations."—IEEE History Center "The most comprehensive intellectual history of cybernetics in Cold War America."—*Journal of American History* "The book will be most valuable as historical background for the large number of disciplines that were involved in the cybernetics moment: computer science, communications engineering, information theory, and the social sciences of sociology and anthropology."—IEEE Technology and Society Magazine "Ronald Kline's chronicle of cybernetics certainly does what an excellent history of science should do. It takes you there—to the golden age of a new, exciting field. You will almost smell that cigar."—*Second-Order Cybernetics* "Kline's *The Cybernetics Moment* tracks the rise and fall of the cybernetics movement in more detail than any historical account to date."—Los Angeles Review of Books

Education and the Culture of Print in Modern America - Adam R. Nelson 2010-05-26

Vividly revealing the multiple layers on which print has been produced, consumed, regulated, and contested for the purpose of education since the mid-nineteenth century, the historical case studies in *Education and the Culture of Print in Modern America* deploy a view of education that extends far beyond the confines of traditional classrooms. The nine essays examine “how print educates” in settings as diverse as depression-era work camps, religious training, and broadcast television—all the while revealing the enduring tensions that exist among the controlling interests of print producers and consumers. This volume exposes what counts as education in American society and the many contexts in which education and print intersect. Offering perspectives from print culture history, library and information studies, literary studies, labor history, gender history, the history of race and ethnicity, the history of science and technology, religious studies, and the history of childhood and adolescence, *Education and the Culture of Print in Modern America* pioneers an investigation into the intersection of education and print culture.

[Restricted Access](#) - Elizabeth Ellcessor 2016-03-29

How reconsidering digital media and participatory cultures from the standpoint of disability allows for a full understanding of accessibility. While digital media can offer many opportunities for civic and cultural participation, this technology is not equally easy for everyone to use. Hardware, software, and cultural expectations combine to make some technologies an easier fit for some bodies than for others. A YouTube video without closed captions or a social network site that is incompatible with a screen reader can restrict the access of users who are hard of hearing or visually impaired. Often, people with disabilities require accommodation, assistive technologies, or other forms of aid to make digital media accessible—useable—for them. *Restricted Access* investigates digital media accessibility—the processes by which media is made usable by people with particular needs—and argues for the necessity of conceptualizing access in a way that will enable greater participation in all forms of mediated culture. Drawing on disability and cultural studies, Elizabeth Ellcessor uses an interrogatory framework based around issues of regulation, use, content, form, and experience to examine contemporary digital media. Through interviews with policy makers and accessibility professionals, popular culture and archival materials, and an ethnographic study of internet use by people with disabilities, Ellcessor reveals the assumptions that undergird contemporary technologies and participatory cultures. *Restricted Access* makes the crucial point that if digital media open

up opportunities for individuals to create and participate, but that technology only facilitates the participation of those who are already privileged, then its progressive potential remains unrealized. Engagingly written with powerful examples, Ellcessor demonstrates the importance of alternate uses, marginalized voices, and invisible innovations in the context of disability identities to push us to rethink digital media accessibility.

Closed Captioning - Gregory J. Downey 2008-02-25

This engaging study traces the development of closed captioning—a field that emerged in the 1970s and 1980s from decades-long developments in cinematic subtitling, courtroom stenography, and education for the deaf. Gregory J. Downey discusses how digital computers, coupled with human mental and physical skills, made live television captioning possible. Downey's survey includes the hidden information workers who mediate between live audiovisual action and the production of visual track and written records. His work examines communication technology, human geography, and the place of labor in a technologically complex and spatially fragmented world. Illustrating the ways in which technological development grows out of government regulation, education innovation, professional profit-seeking, and social activism, this interdisciplinary study combines insights from several fields, among them the history of technology, human geography, mass communication, and information studies.

Choice - 2007

Manual on Statistics of International Trade in Services 2010 - United Nations 2012

This manual sets out an internationally agreed framework for the compilation and reporting of statistics of international trade in service. While it is primarily a guide for statistical compilers, it is also a useful tool for governments and international organizations that use statistical information in connection with international negotiations on trade in services. Furthermore, it can help enterprises and others that need to monitor developments in international services markets. The annex presenting the nature and purpose of the Tourism Satellite Account has been updated.

Beyond Human - Gregory Benford 2008-12-09

Evaluates scientific and technological advances that are enabling the development of artificial intelligence and the extension of human life and capabilities through mechanical means, in a provocative account that considers such topics as cyborg body parts, robots, and the landscape of human self-change. Original. 10,000 first printing. Scientific American.

The Palgrave Handbook of Audiovisual Translation and Media Accessibility - Łukasz Bogucki 2020-07-31

This handbook is a comprehensive and up-to-date resource covering the booming field of Audiovisual Translation (AVT) and Media Accessibility (MA). Bringing together an international team of renowned scholars in the field of translation studies, the handbook surveys the state of the discipline, consolidates existing knowledge, explores avenues for future research and development, and also examines methodological and ethical concerns. This handbook will be a valuable resource for advanced undergraduate and postgraduate students, early-stage researchers but also experienced scholars working in translation studies, communication studies, media studies, linguistics, cultural studies and foreign language education.

Live Caption Quality Monitoring on Australian Free-To-Air Television - Katie Ellis 2020-02-25

Science in Print - Rima D. Apple 2012-09-25

Ever since the threads of seventeenth-century natural philosophy began to coalesce into an understanding of the natural world, printed artifacts such as laboratory notebooks, research journals, college textbooks, and popular paperbacks have been instrumental to the development of what we think of today as “science.” But just as the history of science involves more than recording discoveries, so too does the study of print culture extend beyond the mere cataloguing of books. In both disciplines, researchers attempt to comprehend how social structures of power, reputation, and meaning permeate both the written record and the intellectual scaffolding through which scientific debate takes place. Science in Print brings together scholars from the fields of print culture, environmental history, science and technology studies, medical history, and library and information studies. This ambitious volume paints a rich picture of those tools and

techniques of printing, publishing, and reading that shaped the ideas and practices that grew into modern science, from the days of the Royal Society of London in the late 1600s to the beginning of the modern U.S. environmental movement in the early 1960s.

Closed Captioning Handbook - Gary D. Robson 2016-01-29

This guide will give you the know-how you need to be in compliance with U.S. closed captioning mandates through 2012! THE CLOSED CAPTIONING HANDBOOK gives you what you need to: * Understand and comply with captioning laws, including the Telecommunications * * Act and Section 508 of the Rehabilitation Act * Purchase, understand and use captioning equipment * Select and hire captioning professionals * Use captioning for broadcast TV, digital TV, DVD, movie theaters, Internet, streaming media and more * Design standards-compliant captioning software * Understand the terminology of captioning, broadcasting and deafness Captioning laws are varied, complex and fluid. THE CLOSED CAPTIONING HANDBOOK provides implementation timetables, exceptions, and up-to-date information on the latest FCC ruling, along with a historical perspective on the U.S. laws--all explained in a clear, simple language with supporting quotes from government documents. Closed captioning is infiltrating every aspect of the broadcast industry, and THE CLOSED CAPTIONING HANDBOOK is the only comprehensive handbook that explains what it is, how it works, and how to use it. A pioneer and leader in the field, Gary Robson is a true evangelist for captioning and accessibility for deaf and hard-of-hearing people. Focal Press is a proud sponsor of www.captioncentral.com, your online resource for articles, news and other resources in closed captioning.

Reading Sounds - Sean Zdenek 2015-12-23

The work of writing closed captions for television and DVD is not simply transcribing dialogue, as one might assume at first, but consists largely of making rhetorical choices. For Sean Zdenek, when captioners describe a sound they are interpreting and creating contexts, they are assigning significance, they are creating meaning that doesn't necessarily exist in the soundtrack or the script. And in nine chapters he analyzes the numerous complex rhetorical choices captioners make, from abbreviating dialogue so it will fit on the screen and keep pace with the editing, to whether and how to describe background sounds, accents, or slurred speech, to nonlinguistic forms of sound communication such as sighing, screaming, or laughing, to describing music, captioned silences (as when a continuous noise suddenly stops), and sarcasm, surprise, and other forms of meaning associated with vocal tone. Throughout, he also looks at closed captioning style manuals and draws on interviews with professional captioners and hearing-impaired viewers. Threading through all this is the novel argument that closed captions can be viewed as texts worthy of rhetorical analysis and that this analysis can lead the entertainment industry to better standards and practices for closed captioning, thereby better serve the needs of hearing-impaired viewers. The author also looks ahead to the work yet to be done in bringing better captioning practices to videos on the Internet, where captioning can take on additional functions such as enhancing searchability. While scholarly work has been done on captioning from a legal perspective, from a historical perspective, and from a technical perspective, no one has ever done what Zdenek does here, and the original analytical models he offers are richly interdisciplinary, drawing on work from the fields of technical communication, rhetoric, media studies, and disability studies."

New Perspectives on Academic Writing - Bernd Herzogenrath 2022-11-17

Particularly for the disciplines of the humanities and social sciences, for which writing is their lifeblood, the crisis in academic writing has become existential. It is not hard to diagnose the disease, and its causes. This book showcases what we desperately need: radical alternatives, experiments we can try out, ways of writing that don't just tweak the system but plot a different course altogether. This isn't just about finding new genres, for these only change the surface appearance without altering the underlying dynamic. Rather, the editor and contributors focus on finding new ways to join thinking both with writing and the things of which, and with which, we write. Each chapter brims with the kind of liveliness, outspokenness and urgency that their theme demands. Far from tiptoeing around the edifice of academia they are intent on stirring things up, reigniting their scholarship with a fuse of activism, in the hope of setting off an explosion that could send ripples throughout the academy.

Science and Technology in Modern China, 1880s-1940s - 2014-02-20

Science and Technology in Modern China, 1880s-1940s looks at the transnational routes for the development of science and technology in the first pivotal decades of modern China.

The Draining of the Fens - Eric H. Ash 2017-05-29

"This book is a political, social, and environmental history of the many attempts to drain the Fens of eastern England during the late sixteenth and seventeenth centuries, both the early failures and the eventual successes. Fen drainage projects were supposed to transform hundreds of thousands of acres of wetlands into dry farmland capable of growing grain and other crops, and also reform the sickly, backward fenland inhabitants into civilized, healthy farmers, to the benefit of the entire commonwealth. Fenlanders, however, viewed the drainage as a grave threat to their local landscape, economy, and way of life. At issue were two different understandings of the Fens, what they were and ought to be; the power to define the Fens in the present was the power to determine their future destiny. The drainage projects, and the many conflicts they incited, illustrate the ways in which politics, economics, and ecological thought intersected at a time when attitudes toward both the natural environment and the commonwealth were shifting. Promoted by the crown, endorsed by agricultural improvement advocates, undertaken by English and Dutch projectors, and opposed by fenland commoners, the drainage of the Fens provides a fascinating locus to study the process of state building in early modern England, and the violent popular resistance it sometimes provoked. In exploring the many challenges the English faced in re-conceiving and re-creating their Fens, this book addresses important themes of environmental, political, economic, social, and technological history, and reveals new dimensions of the evolution of early modern England into a modern, unitary, capitalist state"--

Technology and Communication in American History - Gregory John Downey 2011-01-01

"A publication of the American Historical Association and the Society for the History of Technology."

Digital Tools for Qualitative Research - Trena Paulus 2013-12-06

Digital Tools for Qualitative Research shows how the research process in its entirety can be supported by technology tools in ways that can save time and add robustness and depth to qualitative work. It addresses the use of a variety of tools (many of which may already be familiar to you) to support every phase of the research process, providing practical case studies taken from real world research. The text shows you how to select and use technology tools to: engage in reflexivity collaborate with other researchers and stakeholders manage your project do your literature review generate and manage your data transcribe and analyse textual, audio and visual data and represent and share your findings. The book also considers important ethical issues surrounding the use of various technologies in each chapter. On the companion website, you'll find lots of additional resources including video tutorials and activities. Whether you're a novice or expert social researcher, this book will inspire you to think creatively about how to approach your research project and get the most out of the huge range of tools available to you. Available with Perusall—an eBook that makes it easier to prepare for class Perusall is an award-winning eBook platform featuring social annotation tools that allow students and instructors to collaboratively mark up and discuss their SAGE textbook. Backed by research and supported by technological innovations developed at Harvard University, this process of learning through collaborative annotation keeps your students engaged and makes teaching easier and more effective. Learn more.

Media Technologies - Tarleton Gillespie 2014-01-17

Scholars from communication and media studies join those from science and technology studies to examine media technologies as complex, sociomaterial phenomena. In recent years, scholarship around media technologies has finally shed the assumption that these technologies are separate from and powerfully determining of social life, looking at them instead as produced by and embedded in distinct social, cultural, and political practices. Communication and media scholars have increasingly taken theoretical perspectives originating in science and technology studies (STS), while some STS scholars interested in information technologies have linked their research to media studies inquiries into the symbolic dimensions of these tools. In this volume, scholars from both fields come together to advance this view of media technologies as complex sociomaterial phenomena. The contributors first address the relationship between materiality and mediation, considering such topics as the lived realities of network infrastructure. The contributors then highlight media technologies as always in motion, held together through the minute, unobserved work of many, including efforts to keep these technologies alive. Contributors Pablo J. Boczkowski, Geoffrey C.

Bowker, Finn Brunton, Gabriella Coleman, Gregory J. Downey, Kirsten A. Foot, Tarleton Gillespie, Steven J. Jackson, Christopher M. Kelty, Leah A. Lievrouw, Sonia Livingstone, Ignacio Siles, Jonathan Sterne, Lucy Suchman, Fred Turner

New Technologies and the Media - Gerard Goggin 2017-09-16

The landscape of the media is changing - and at an ever-increasing pace. New technologies are fast transforming the way we consume information, and the way we live our lives. *New Technologies and the Media* by Professor Gerard Goggin (University of Sydney) is an authoritative exploration of the impact of the internet, the iPad, and Wikileaks on contemporary news, journalism and broadcasting. Steering clear of technological jargon, this is a short, sharp, simple guide through this complex subject. This book is essential reading for all media students and researchers - and for anyone interested in getting to grips with the ways in which media is becoming a progressively more pervasive, intimate and powerful part of life in the 2010s. It engagingly examines the the issues raised by the presence of new technologies across news, television, internet and mobiles. Under discussion are: new audiences forming around user-generated content; the future of news and journalism; the rapid shape-shifting of broadcasting in the face of the internet; an explosion of devices; the viewer as "couch-commander"; blogging, social media and citizen journalism and public-service media; the cultural politics of digital cultures and technologies. Featuring fascinating case studies of modern phenomena such as the iPhone, this book examines current cutting-edge technologies by situating them within the broader context of communications and media history. Written by an expert in the field, it cuts through the controversial and confusing debate surrounding the use of new technologies in the media and gives a clear, considered account of the major issues involved. By accessibly introducing the key theories of technology, this book will equip its readers with a solid critical approach that they can use across their studies, investigations and work in media. It provides the tools needed by students and researchers to accurately analyse and effectively evaluate how new technologies shape, and are shaped by, media. *New Technology and the Media* offers an excellent insight into an important, exciting, expanding area of interest.

Making Computers Accessible - Elizabeth R. Petrick 2015-06-01

The revolution in accessible computer technology was fueled by disability activism, the interactive nature of personal computers, and changing public policy. In 1974, not long after developing the first universal optical character recognition technology, Raymond Kurzweil struck up a conversation with a blind man on a flight. Kurzweil explained that he was searching for a use for his new software. The blind man expressed interest: One of the frustrating obstacles that blind people grappled with, he said, was that no computer program could translate text into speech. Inspired by this chance meeting, Kurzweil decided that he must put his new innovation to work to "overcome this principal handicap of blindness." By 1976, he had built a working prototype, which he dubbed the Kurzweil Reading Machine. This type of innovation demonstrated the possibilities of computers to dramatically improve the lives of people living with disabilities. In *Making Computers Accessible*, Elizabeth R. Petrick tells the compelling story of how computer engineers and corporations gradually became aware of the need to make computers accessible for all people. Motivated by user feedback and prompted by legislation such as the Americans with Disabilities Act, which offered the promise of equal rights via technological accommodation, companies developed sophisticated computerized devices and software to bridge the accessibility gap. People with disabilities, Petrick argues, are paradigmatic computer users, demonstrating the personal computer's potential to augment human abilities and provide for new forms of social, professional, and political participation. Bridging the history of technology, science and technology studies, and disability studies, this book traces the psychological, cultural, and economic evolution of a consumer culture aimed at individuals with disabilities, who increasingly rely on personal computers to make their lives richer and more interconnected.

Gender Codes - Thomas J. Misa 2011-09-14

The computing profession faces a serious gender crisis. Today, fewer women enter computing than anytime in the past 25 years. This book provides an unprecedented look at the history of women and men in computing, detailing how the computing profession emerged and matured, and how the field became male coded. Women's experiences working in offices, education, libraries, programming, and government are examined for clues on how and where women succeeded—and where they struggled. It also provides a

unique international dimension with studies examining the U.S., Great Britain, Germany, Norway, and Greece. Scholars in history, gender/women's studies, and science and technology studies, as well as department chairs and hiring directors will find this volume illuminating.

The Oxford Handbook of Translation and Social Practices - Sara Laviosa 2020

The Oxford Handbook of Translation and Social Practices draws on a wide array of case studies from all over the world to demonstrate the value of different forms of translation - written, oral, audiovisual - as social practices that are essential to achieve sustainability, accessibility, inclusion, multiculturalism, and multilingualism. Edited by Meng Ji and Sara Laviosa, this timely collection illustrates the interactions between translation studies and the social and natural sciences, reformulating the scope of this discipline as a socially-oriented, empirical, and ethical research field in the 21st century.

Ambient Commons - Malcolm McCullough 2013

The world is filling with ever more kinds of media, in ever more contexts and formats. Glowing rectangles have become part of the scene; screens, large and small, appear everywhere. Physical locations are increasingly tagged and digitally augmented. Sensors, processors, and memory are not found only in chic smart phones but also built into everyday objects. Amid this flood, your attention practices matter more than ever. You might not be able to tune this world out. So it is worth remembering that underneath all these augmentations and data flows, fixed forms persist, and that to notice them can improve other sensibilities. In *Ambient Commons*, Malcolm McCullough explores the workings of attention through a rediscovery of surroundings. Not all that informs has been written and sent; not all attention involves deliberate thought. The intrinsic structure of space -- the layout of a studio, for example, or a plaza -- becomes part of any mental engagement with it. McCullough describes what he calls the Ambient: an increasing tendency to perceive information superabundance whole, where individual signals matter less and at least some mediation assumes inhabitable form. He explores how the fixed forms of architecture and the city play a cognitive role in the flow of ambient information. As a persistently inhabited world, can the Ambient be understood as a shared cultural resource, to be socially curated, voluntarily limited, and self-governed as if a commons? *Ambient Commons* invites you to look past current obsessions with smart phones to rethink attention itself, to care for more situated, often inescapable forms of information.

Subtitling Through Speech Recognition - Pablo Romero-Fresco 2020-09-30

Based on sound research and first-hand experience in the field, *Subtitling through Speech Recognition: Respeaking* is the first book to present a comprehensive overview of the production of subtitles through speech recognition in Europe. Topics covered include the origins of subtitling for the deaf and hard of hearing, the different methods used to provide live subtitles and the training and professional practice of respeaking around the world. The core of the book is devoted to elaborating an in-depth respeaking course, including the skills required before, during and after the respeaking process. The volume also offers detailed analysis of the reception of respeaking, featuring information about viewers' preferences, comprehension and perception of respoken subtitles obtained with eye-tracking technology. An accompanying DVD features a wealth of video clips and documents designed to illustrate the material in the book and to serve as a basis for the exercises included at the end of each chapter. The working language of the book is English, but the DVD also contains sample material in Dutch, French, Galician, German, Italian and Spanish. *Subtitling through Speech Recognition: Respeaking* is designed for use as a course book for classroom practice or as a handbook for self-learning. It will be of interest to undergraduate and postgraduate students as well as freelance and in-house language professionals. It will also find a reading public among broadcasters, cinema, theatre and museum managers, as well as the deaf and members of

deaf associations, who may use the volume to support future campaigns and enhance the quality of the speech-to-text accessibility they provide to their members.

Program of the ... Annual Meeting - American Historical Association. Meeting 2007

Audiovisual Translation in a Global Context - Jorge Díaz Cintas 2016-02-29

This book offers an up-to-date survey of the present state of affairs in Audiovisual Translation, providing a thought-provoking account of some of the most representative areas currently being researched in this field across the globe. The book discusses theoretical issues and provides useful and practical insights into professional practices.

Knowledge Workers in the Information Society - Catherine McKercher 2008

Knowledge Workers in the Information Society addresses the changing nature of work, workers, and their organizations in the media, information, and knowledge industries. These knowledge workers include journalists, broadcasters, librarians, filmmakers and animators, government workers, and employees in the telecommunications and high tech sectors. Technological change has become relentless. Corporate concentration has created new pressures to rationalize work and eliminate stages in the labor process. Globalization and advances in telecommunications have made real the prospect that knowledge work will follow manufacturing labor to parts of the world with low wages, poor working conditions, and little unionization. McKercher and Mosco bring together scholars from numerous disciplines to examine knowledge workers from a genuinely global perspective.

Captioning and Subtitling for d/Deaf and Hard of Hearing Audiences - Soledad Zárata 2021-01-14

Captioning and Subtitling for d/Deaf and Hard of Hearing Audiences is a comprehensive guide to the theory and practice of captioning and subtitling, a discipline that has evolved quickly in recent years. This guide is of a practical nature and contains examples and exercises at the end of each chapter. Some of the tasks stimulate reflection on the practice and reception, while others focus on particular captioning and SDH areas, such as paralinguistic features, music and sound effects. The requirements of d/Deaf and hard of hearing audiences are analysed in detail and are accompanied by linguistic and technical considerations. These considerations, though shared with generic subtitling parameters, are discussed specifically with d/Deaf and hard of hearing audiences in mind. The reader will become familiar with the characteristics of d/Deaf and hard of hearing audiences, and the diversity - including cultural and linguistic differences - within this group of people. Based on first-hand experience in the field, the book also provides a step-by-step guide to making live performances accessible to d/Deaf and hard of hearing audiences. As well as exploring all linguistic and technical matters related to the creation of captions, aspects related to the overall set up of the captioned performance are discussed. The guide will be valuable reading to students of audiovisual translation at undergraduate and postgraduate level, to professional subtitlers and captioners, and to any organisation or venue that engages with d/Deaf and hard of hearing people.

Listening to Subtitles - Anna Matamala 2010

This book is the first monographic study on subtitles for the deaf and hard of hearing from a multidisciplinary perspective, from engineering to philology. The book departs from studies, analyses, tests, validations, resulting data, and their application from the nation-wide research on accessibility and usability of subtitles carried out in Spain. Tests and further analysis were carried out paying attention to users' hearing profiles, the many formal features of subtitles - size, font, colour, position, etc. -, and the syntax of the subtitle. The book also contains articles which discuss present and future research on subtitles for the deaf and hard of hearing carried out in Canada and across Europe: Belgium, Denmark, Italy, Poland, Spain, and UK. It provides an outlook for the implementation of the European Guidelines on Media Accessibility.