

# **Scientific Communication In History**

Aileen Fyfe, Noah Moxham, Julie McDougall-Waters, Camilla Mørk Røstvik

#### **Scientific Communication In History:**

**Scientific Communication in History** Brian Campbell Vickery, 2000 **Scientific Communication Across the Iron** Curtain Christopher D. Hollings, 2015-12-12 This monograph provides a concise introduction to the tangled issues of communication between Russian and Western scientists during the Cold War It details the extent to which mid twentieth century researchers and practitioners were able to communicate with their counterparts on the opposite side of the Iron Curtain Drawing upon evidence from a range of disciplines a decade by decade account is first given of the varying levels of contact that existed via private correspondence and conference attendance Next the book examines the exchange of publications and the availability of one side s work in the libraries of the other It then goes on to compare general language abilities on opposite sides of the Iron Curtain with comments on efforts in the West to learn Russian and the systematic translation of Russian work In the end author Christopher Hollings argues that physical accessibility was generally good in both directions but that Western scientists were afflicted by greater linguistic difficulties than their Soviet counterparts whose major problems were bureaucratic in nature This volume will be of interest to historians of Cold War science particularly those who study communications and language issues In addition it will be an ideal starting pointing for anyone looking to know more about this fascinating area The Handbook of Communication History Peter Simonson, 2013 The Handbook of Communication History addresses central ideas social practices and media of communication as they have developed across time cultures and world geographical regions It attends to both the varieties of communication in world history and the historical investigation of those forms in communication and media studies The Handbook editors view communication as encompassing patterns processes and performances of social interaction symbolic production material exchange institutional formation social praxis and discourse As such the history of communication cuts across social cultural intellectual political technological institutional and economic history. The volume examines the history of communication history the history of ideas of communication the history of communication media and the history of the field of communication Readers will explore the history of the object under consideration relevant practices media and ideas review its manifestations in different regions and cultures comparative dimensions and orient toward current thinking and historical research on the topic current state of the field As a whole the volume gathers disparate strands of communication history into one volume offering an accessible and panoramic view of the development of communication over time and geographical places and providing a catalyst to further work in communication history Scientific Communication Han Yu, Kathryn M. Northcut, 2017-09-18 This book addresses the roles and challenges of people who communicate science who work with scientists and who teach STEM majors how to write In terms of practice and theory chapters address themes encountered by scientists and communicators including ethical challenges visual displays and communication with publics as well as changed and changing contexts and genres The pedagogy section covers topics important to instructors everyday teaching as well as

longer term curricular development Chapters address delivery of rhetorically informed instruction communication from experts to the publics writing assessment online teaching and communication intensive pedagogies and curricula The Open Access version of this book available at http www tandfebooks com has been made available under a Creative Commons Attribution Non Commercial No Derivatives 4 0 license Scientific Communication in History Brian C. Vickery, 2000-05-24 Scientific Communication in History attempts to illuminate the various ways that science has developed and interacted with communication tools and mechanisms throughout the history of human thought Drawing on a wide range of human history Vickery presents a compelling and coherent background and probes into questions of science as a discipline communication between scientists its relationship to technology and to other academic and professional disciplines and knowledge in general The history of communication in science is set against a briefly sketched background of human history particularly as it relates to the development of Western civilization including Greece Rome the Near East and Europe The book is divided into seven major eras Within each era Vickery details the modes of written and oral communication and their significant effects and creates a broad picture of the antecedents of contemporary research and communication methods in science The eras include the earliest organized civilizations and the development of alphabets and writing classical cultures and the first libraries and research institutions the medieval period and the rise of universities the Renaissance and the early age of science societies and printing the eighteenth century with specialized journals and bibliographies the nineteenth century and the Industrial Revolution along with the beginnings of the strict specification of information through patents and technical institutions and the twentieth century with industrial research vast data collections computer networks and online communication Special attention is paid to key issues such as impact of printing and computers on communication the standardization of biological and chemical nomenclature and modern studies of communication science and technology among many others. The book includes 14 illustrations maps graphs and diagrams to further elucidate the historical change of communication in science and a bibliography of 300 choice item A Companion to the History of Science Bernard Lightman, 2019-11-12 The Wiley Blackwell Companion to the History of Science is a single volume companion that discusses the history of science as it is done today providing a survey of the debates and issues that dominate current scholarly discussion with contributions from leading international scholars Provides a single volume overview of current scholarship in the history of science edited by one of the leading figures in the field Features forty essays by leading international scholars providing an overview of the key debates and developments in the history of science Reflects the shift towards deeper historical contextualization within the field Helps communicate and integrate perspectives from the history of science with other areas of historical inquiry Includes discussion of non Western themes which are integrated throughout the chapters Divided into four sections based on key analytic categories that reflect new approaches in the field Science Communication in the World Bernard Schiele, Michel Claessens, Shunke Shi, 2012-04-02 This volume is aimed at all those who

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