

# Table of Contents

Science and the Internet: Introduction	1
<i>Alexander Tokar, Michael Beurskens, Susanne Keuneke, Merja Mahrt, Isabella Peters, Cornelius Puschmann, Timo van Treeck, and Katrin Weller</i>	

## **PART ONE**

### **The Internet and Scholarly Practices from a Cross-Cultural Perspective**

Online Trends from the First German Trend Study on Science Communication	13
<i>Alexander Gerber</i>	

From Analog to Digital Psychology: Results from Surveys on Information Behavior among German Psychologists between 1997 and 2010	19
<i>Hans Bauer, Gabriel Schui, and Günter Krampen</i>	

How and Why Do Turkish Scholars Use Social Networking Platforms?	31
<i>Selva Ersöz Karakulakoğlu and Övünç Meriç</i>	

Digital History in Portugal: A Survey	43
<i>Maria Cristina Guardado and Maria Manuel Borges</i>	

## **PART TWO**

### **The Internet and Teaching**

Informal Learning via Social Media—Preparing for Didactical Designs	59
<i>Isa Jahnke</i>	

Collaborative and Cooperative Text Production in Wikis <i>Claudia Bremer</i>	73
Fostering Crossmedia Literacy in Formal Educational Contexts: Conceptual Considerations and Case-Specific Results <i>Sandra Hofhues, Christian Geier, and Lena Griebhammer</i>	87
Belief(s) in eLearning – Zusammenhänge zwischen eLearning und Lehr-/Lern-Überzeugungen in Lehrportfolios <i>Timo van Treeck</i>	99

### **PART THREE**

#### **The Internet and Legal Issues**

Law: Friend or Foe in Scientific Internet Use? <i>Michael Beurskens</i>	115
Do Easily Copied Internet Media in the Library Lead to Plagiarism? <i>Gabriel Gomez</i>	131
Scientists and Librarians Create an Environmental Toxicology Data Repository <i>Deborah Keil and Kenning Arlitsch</i>	145

### **PART FOUR**

#### **The Internet and New Modes of Scholarly Communication**

Notes towards the Scientific Study of Public Communication on Twitter <i>Axel Bruns and Jean Burgess</i>	159
Scholarly Blogging: A New Form of Publishing or Science Journalism 2.0? <i>Cornelius Puschmann and Merja Mahrt</i>	171

Self-Citation of Bloggers in the Science Blogosphere 183  
*Hadas Shema, Judit Bar-Ilan, and Mike Thelwall*

Semantic Change of the Publication-Concept? 193  
*Alexander Tokar*

**PART FIVE**  
**The Internet and Scholarly Impact**

Citations in Web 2.0 209  
*Katrin Weller and Isabella Peters*

Google Scholar versus Google Scholar:  
 Among Publish or Perish, Scholarometer, and My Citations,  
 Which Citation Count Tool Is Telling Which Truth? 223  
*Ulrich "Tibaut" Houzanme*

The H-Index: What Is It, How Do We Determine It, and  
 How Can We Keep Up With It? 237  
*Timothy Ireland, Kathy MacDonald, and Peter Stirling*

**PART SIX**  
**The Internet and the Future of Science**

Publishing against the Machine: A New Format of  
 Academic Expression for the New Scientist 251  
*Adam Sofronijevic*

Developing Scientific Software: The Role of the Internet 263  
*Aleksandra Pawlik, Judith Segal, Helen Sharp, and Marian Petre*

Öffentlichkeit und Neue Medien: das Projekt „InsideScience“ 275  
*Thorsten Greiner, Jesús Muñoz Morcillo,  
 Caroline Y. Robertson-von Trotha, und Klaus Rümmele*

