

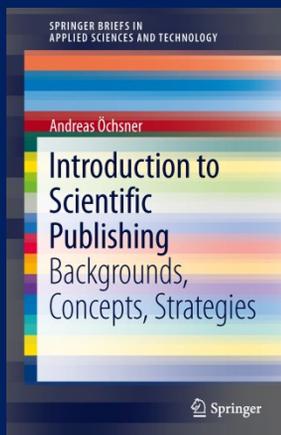
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MUNICH - GERMANY



THE ART OF SCIENTIFIC PUBLISHING: BACKGROUNDS - CONCEPTS - STRATEGIES

Instructor:
Prof. Dr.-Ing. Andreas Öchsner, D.Sc.
Griffith University (Gold Coast Campus)
Australia



INTRODUCTION TO SCIENTIFIC PUBLISHING
by ANDREAS ÖCHSNER

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(New book!!!)

COURSE OUTLINE:

- **Technical and Cognitive Skills in the Context of Scientific Publishing**
- **Types of Scientific Publications**
- **Publishing companies, publishing fees, open access journals**
- **Publication Pyramid**
- **Scientific Data Bases (ISI Web of Science, SCOPUS, other sources)**
- **Statistical Evaluation of Bibliographical Data – Evaluation of Journals, Scientists and Institutions (Citations, Impact Factor, *h*-index, international trends, ...)**
- **How to Assess Quality / Is the Quality Assessed?**
- **What can be published in international journals (“new”)?**
- **The structure of a journal paper:**
 - Title
 - Authors (corresponding author, order of authors)
 - Abstract
 - Keywords
 - Main Structure (Introduction, Methodology, Results, Discussion, Summary and Outlook)
 - Acknowledgments (what can/should be mentioned)
 - References
- **Further topics:**
 - Literature review / state-of-the-art
 - Justification of *new* approach, strategy, findings
 - Use of variables and units
 - Figures and tables (style, labels, format, how to include)
 - Different formats for reference section
 - Digital Object Identifier (DOI)
 - Final layout, layout for submission
 - Proofs

- **Plagiarism:**
 - Correct citation (how?, what must/should be cited)
 - Authorship
 - Ideas
 - Parallel manuscript submission
 - Consequences
 - Copyright agreement (what do I sign?)
- **Strategies to publish:**
 - Where to submit? How to select an appropriate journal
 - “False Friends” – some strange online journals
 - Review process (how it works, how to suggest possible reviewers)
 - Consideration of entire time frame (from the idea to the published work)
 - Cover letter (information included)
 - Revising a manuscript (reply to referees, how to highlight changes in a revised manuscript)
 - How to submit: regular submission or other ways
 - Which software to use for text processing and image generations
 - English language and style
 - After a manuscript is published – how can I use the content/manuscript (copyright issues)?
- **PLENTY OF SPACE FOR QUESTIONS AND DISCUSSIONS**

BENEFITS OF ATTENDING THE COURSE:

Participants will be in a better position to increase their publications output. Knowing the background of many involved questions and plenty of issues which must be considered during the entire publications process will allow to increase the success.

ABOUT THE COURSE INSTRUCTOR:

PROFESSOR ÖCHSNER



Professor Öchsner is highly experienced in scientific publications. His list of publications comprises more than 350 scientific publications. More than 100 publications are cited on ISI Web of Science. He is the editor-in-chief of the international journal *Continuum Mechanics and Thermodynamics - CMT* (Springer, Germany) and editor-in-chief of the international book series on *Advanced Structured Materials – AMS* (Springer, Germany). He received several awards related to scientific publications such as the publication award from his University (“Main Contributor” 2008, “Impact Factor Journals” 2010) or the Top Reviewer Award of the international journal *Materials Letters* (Elsevier, 2009). Professor Öchsner is actually working as Full Professor and Head of Discipline, Mechanical Engineering, at Griffith School of Engineering and he is conjoint Professor at the University of Newcastle, Australia.