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Publishing your paper in an IOP journal

Dr. Chun Xiong (熊春)

Associate Publisher/副出版人

IOP Publishing & IOP Beijing Office/英国物理学会 (IOP) 北京代表处

chun.xiong@iop.org

China.iop.org, IOPScience.iop.org

Outline

- Choosing your journal
- Writing your paper
- Peer Review
- Questions

● Choosing your journal



Deciding on the right journal for your paper

- First things first:
 - Decide your first-choice journal **before even writing your paper!**
 - Which journal will give you the **most recognition** for your work?
 - What is your back up?



Deciding on the right journal for your paper

- What other factors do you need to consider?
 - Audience
 - Scope
 - Reputation
 - Impact/visibility
 - Speed of peer review



Deciding on the right journal for your paper

- What other factors do you need to consider?
 - Open access or subscription model
 - Copyright policy
 - Costs (pages/figures etc.)



Deciding on the right journal for your paper

- What other factors do you need to consider?
 - Editorial Board
 - Reputation of Publishers
 - Other Metrics - e.g. Impact Factor



A= Number of articles published in 2013, **B**= Number of articles published in 2014

C= Total Number of citations in 2015 to articles published in 2013 and 2014

$$\text{Impact Factor (2015)} = C/(A+B)$$

Deciding on the right journal for your paper

- IOP aims to make the submission process as simple as possible for authors:
 - No set submission format for your manuscript
 - Send us your compressed and archived files
 - Upload a file direct from the arXiv
 - Any relevant supplementary data
 - Track your article's progress online
- Every IOP journal has full information on its homepage

<http://iopscience.iop.org>

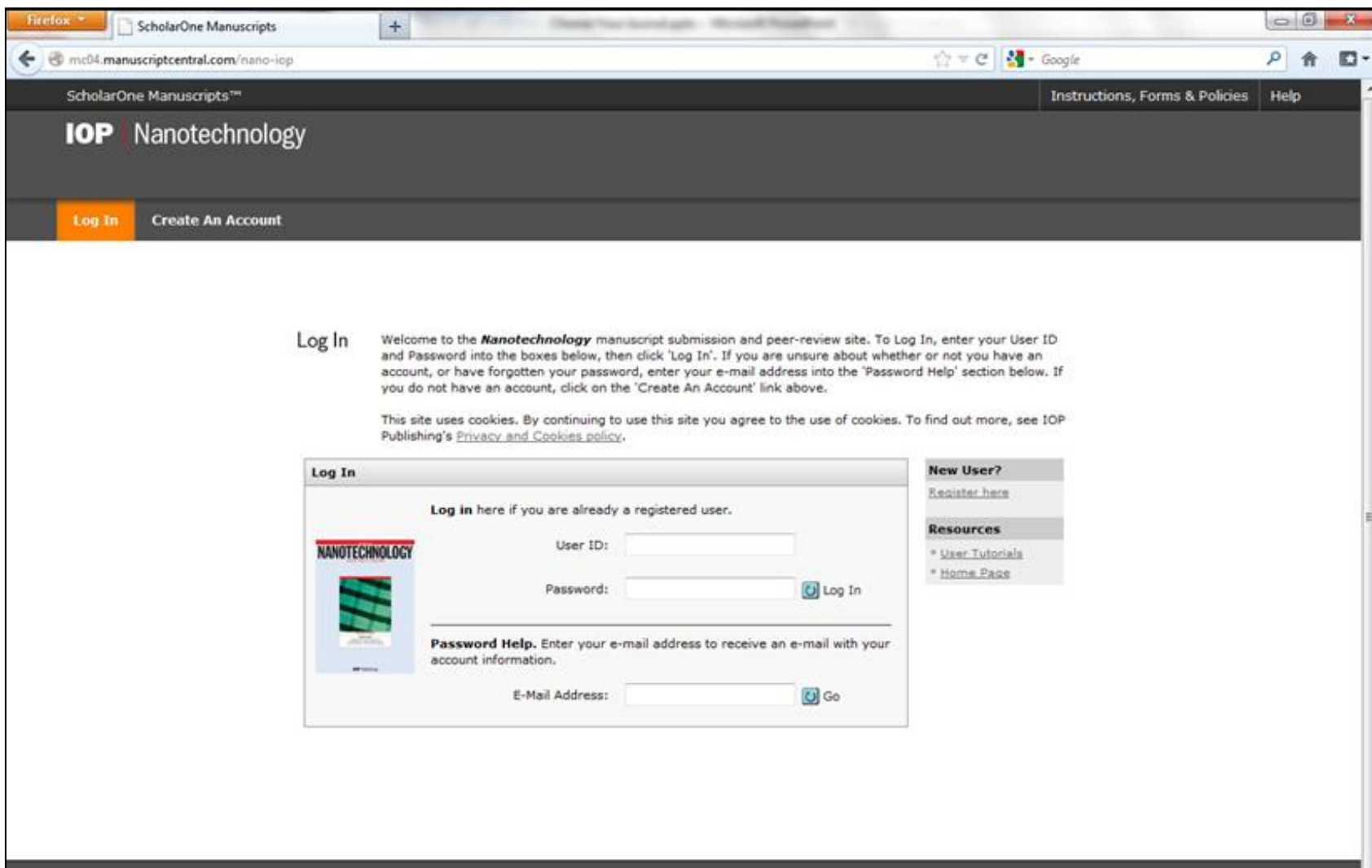
Deciding on the right journal for your paper – Physics Portfolio



Deciding on the right journal for your paper – Materials portfolio



IOP Journals use Scholar One



The screenshot shows a web browser window displaying the ScholarOne Manuscripts interface for IOP Nanotechnology. The browser's address bar shows the URL `mc04.manuscriptcentral.com/nano-iop`. The page header includes the IOP logo and the journal title "Nanotechnology". Navigation links for "Log In" and "Create An Account" are visible. The main content area features a "Log In" section with a welcome message and instructions for users. Below this, there is a "Log In" form with fields for "User ID" and "Password", and a "Log In" button. A "Password Help" section is also present, with an "E-Mail Address" field and a "Go" button. On the right side, there are sections for "New User?" with a "Register here" link, and "Resources" with links for "User Tutorials" and "Home Page".

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IOP Nanotechnology


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Submitting a new manuscript

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Select your manuscript type. Enter your title and abstract into the appropriate boxes below. If you need to insert a special character, click the 'Special Characters' button. When you are finished, click 'Save and Continue'. [Read More ...](#)

- 1 Article Information
- 2 Keywords
- 3 Author Information
- 4 Referees
- 5 Policies & Information
- 6 File Upload
- 7 Review & Submit

Manuscript Type

Manuscript Type:

Title (Limit 300 characters)

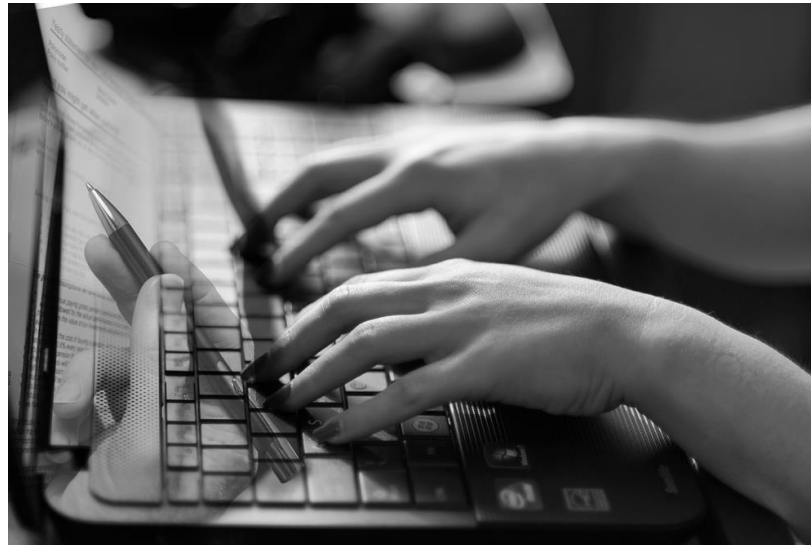
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Abstract (Limit 300 words)

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Funding Institutions req

● Writing Your Paper



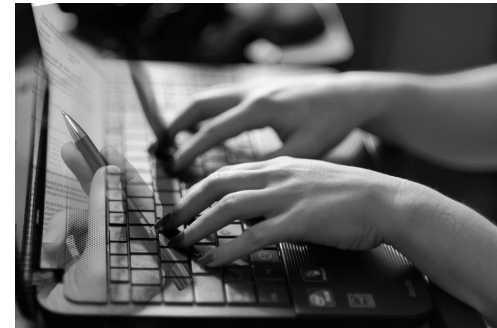
Writing Your Paper

- Before you start:
 - Consider your choice of journal
 - Decide on the key message of your paper
 - Assess your main results
 - Prepare an outline: topic, contexts, significance
 - Think about permissions and copyright for images etc.



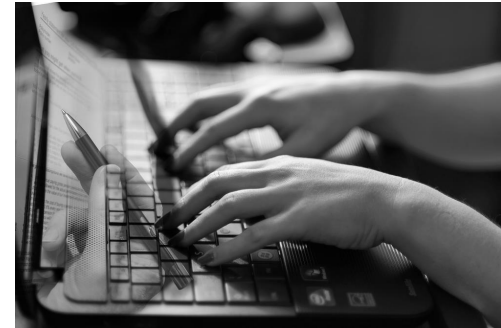
Writing Your Paper

- **Scientific merits of the paper**
- **The structure of the paper**



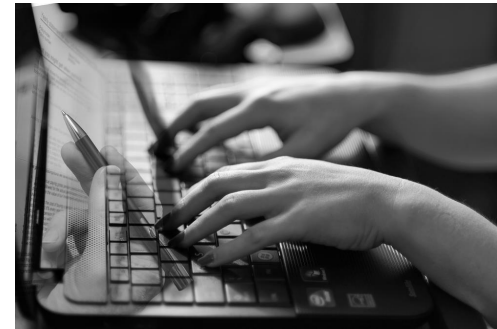
Writing Your Paper – Scientific merits of the paper

- Focus on **new** and **important** research results (trunks and branches)
- Make sure the language is **clear** and **precise**, especially your conclusions
- Figures and tables are **clear**
- Paper is of the **right** length (type of articles)



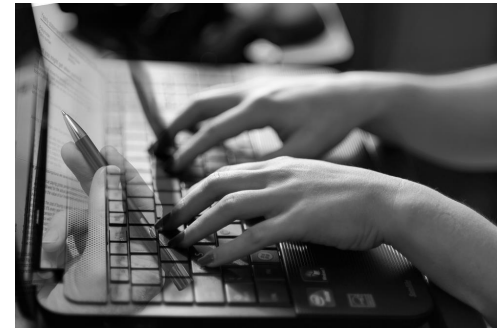
Writing Your Paper – The structure of the paper

- Title
- Abstract
- Introduction
- Methods, Results and Discussion
- Conclusion
- References
- Acknowledgements



Writing Your Paper – The structure of the paper

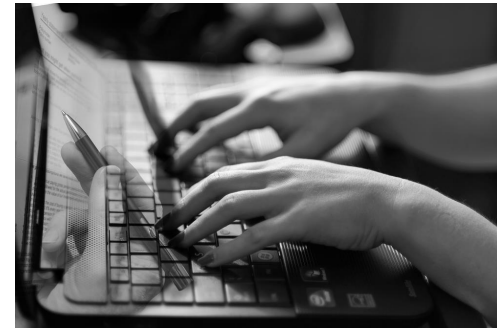
- **Title** – Concise yet informative; draws attention of the reader
- **Abstract** – Summarizes paper into a single paragraph
- **Introduction**
 - Describe the **main goals**
 - Set the work in the **context** of previous research
 - Cite all **relevant** references



Writing Your Paper – The structure of the paper

● Methods, Results and Discussion

- Show your data in an **organized** manner
- Show the **significance and impact** of your results
- **Compare** with other published work
- Discuss the **implications and applications**



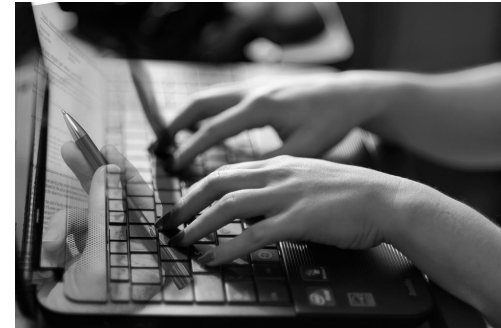
Writing Your Paper – The structure of the paper

● Conclusion

- Summarize your major points
- Highlight the novelty and significance of your work
- Answer questions put in the Introduction
- Include your plans for future work

● References – objective and up-to-date

● Acknowledgements – Recognize the contribution of funders or other assistance

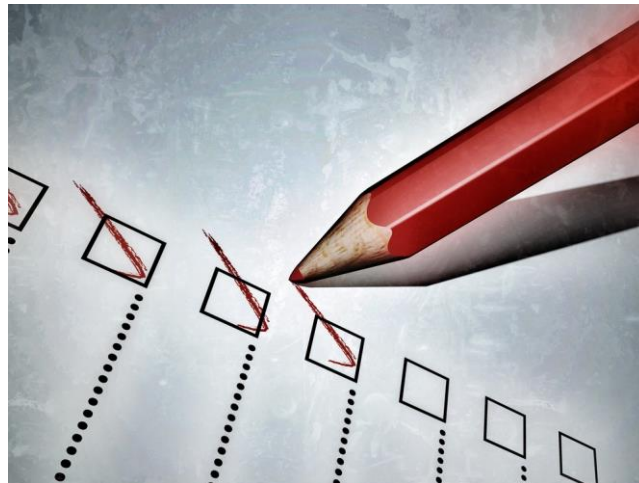


Writing Your Paper

- Get feedback and comments on your paper before submission
 - Your supervisor
 - Other colleagues
 - Internal review
- Make changes following their input
- Get help from a fluent English speaker if you need it

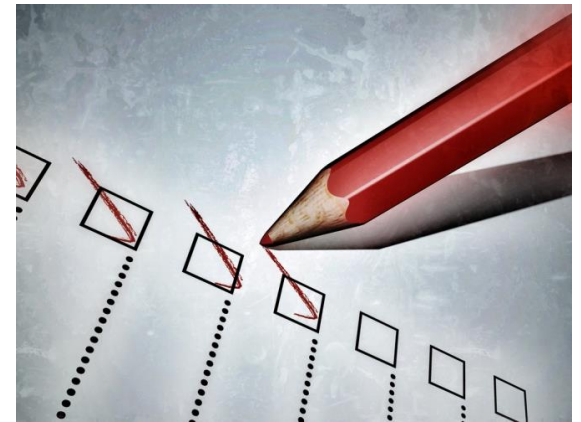


● Peer Review

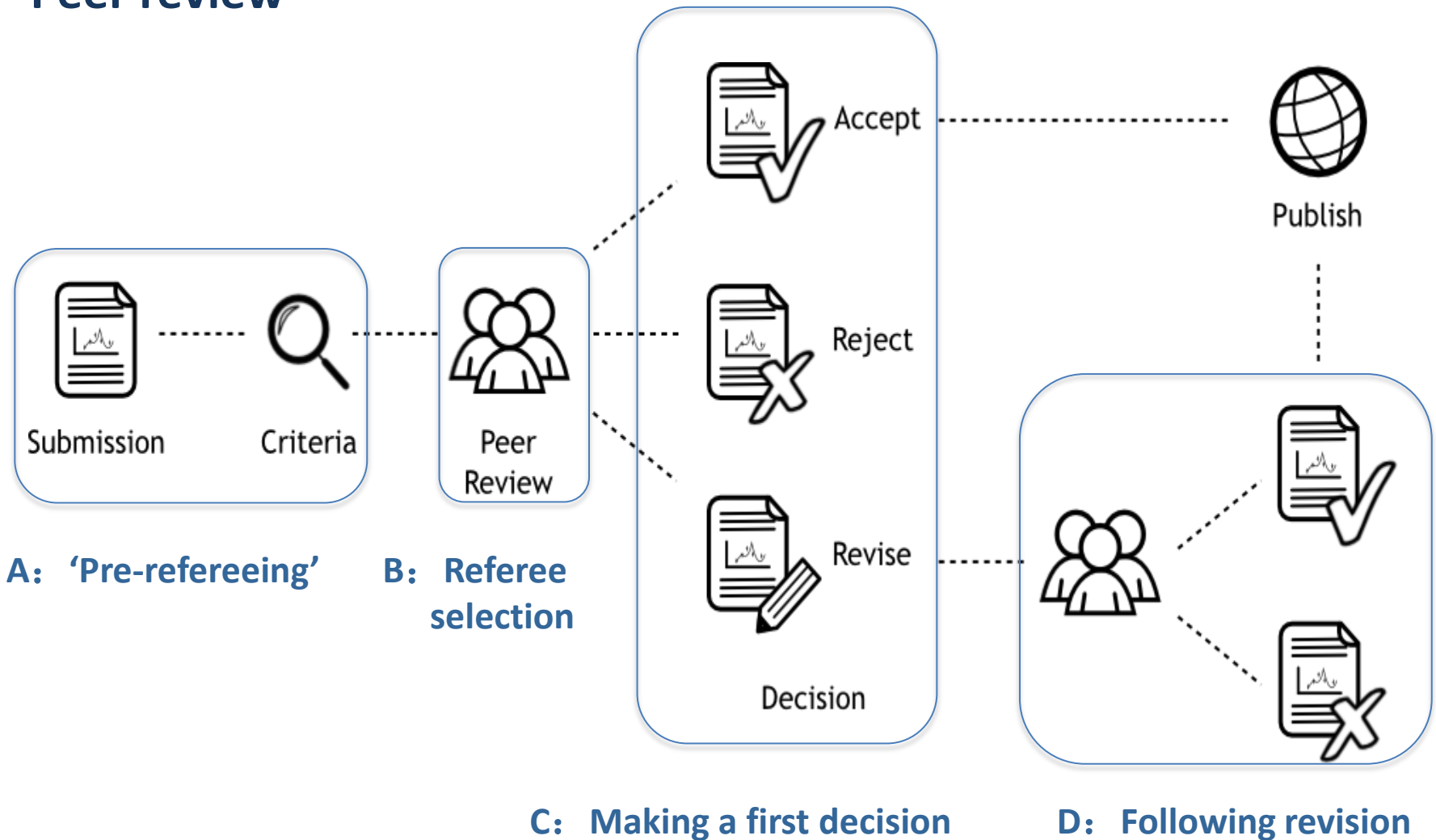


Peer Review

- Vital part of publishing
- Gives the scientific community and the public **a reliable indicator** on what to believe
- Gives authors feedback that can help to improve a paper
- Critical filter for scientific quality control
- Helps editors decide what to publish

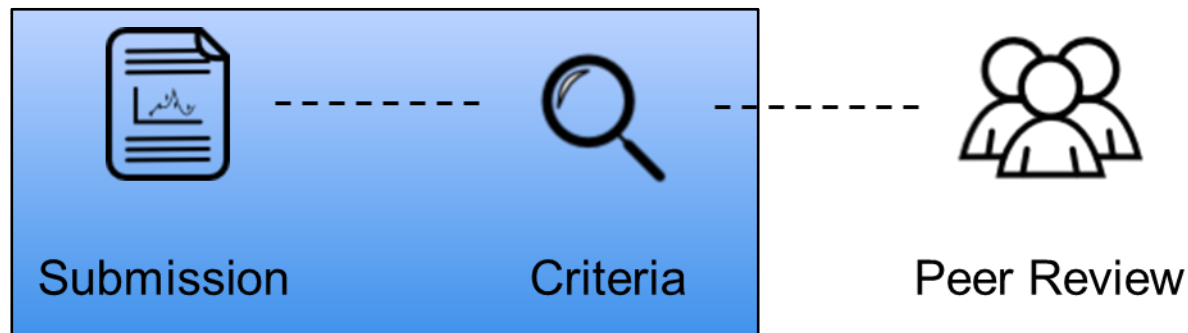


Peer review



A: 'Pre-refereeing'

- The editorial team review all submissions
 - Check for content, originality, novelty and scope
 - Delete plagiarism and duplication
 - Consult the journal's Editorial Board



A: 'Pre-refereeing'

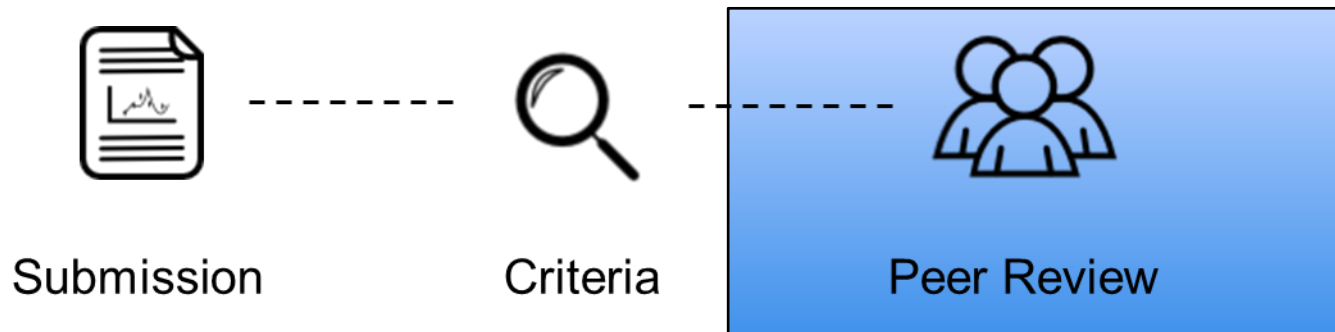
'Pre-refereeing' - Check for content, originality, novelty and scope

To filter out:

- Incremental papers – a very small advance on earlier work
- Papers outside of the journal's scope
- Papers that do not have enough content or new data for the journal - the expected quality level may vary between journals
- Papers that reproduce earlier work – including text and including the author's own previous work

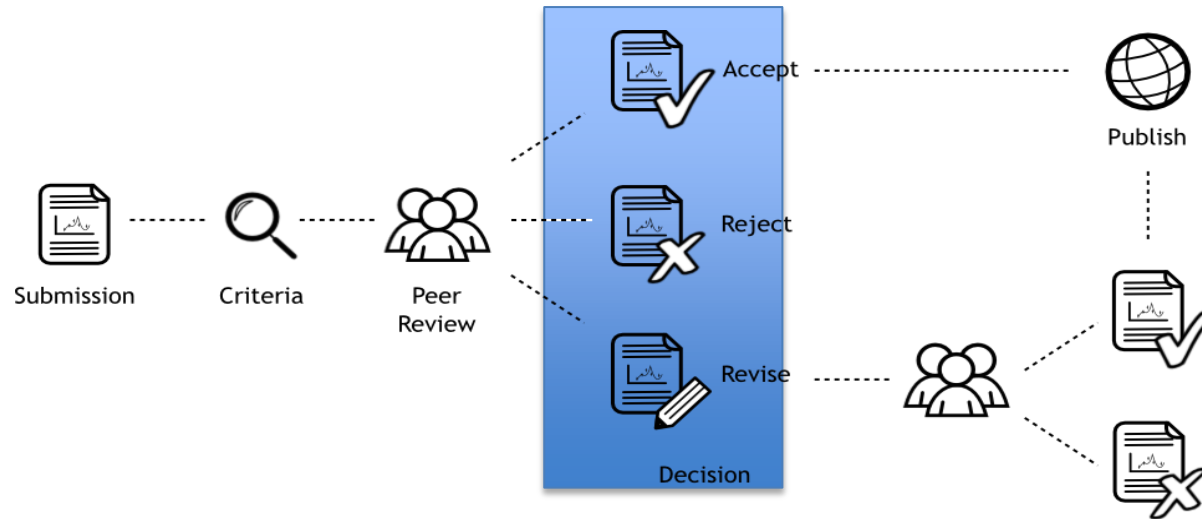
All papers are assessed by at least two people before a decision is made

B: Referee selection



- Referees are chosen based on:
 - Expertise
 - Independence
 - Availability
 - Previous record
- Single-blind peer review:
 - Referee knows who the author is
 - Authors don't know who the referee is

C: Making a first decision - Quality Assessment by referee



- At least **two referee reports**-Adjudicator brought in if reports disagree
- Decision is based on reports sent to the editorial team
- Immediate acceptance is unusual but does happen
- Rejection is normal-50% rate common in quality journals
- Usually revisions based on suggestions by the referees

C: Making a first decision - Quality Assessment by referees

- **ORIGINALITY, SCIENTIFIC RIGOUR, SIGNIFICANCE**

- All referees are asked to consider these three qualities

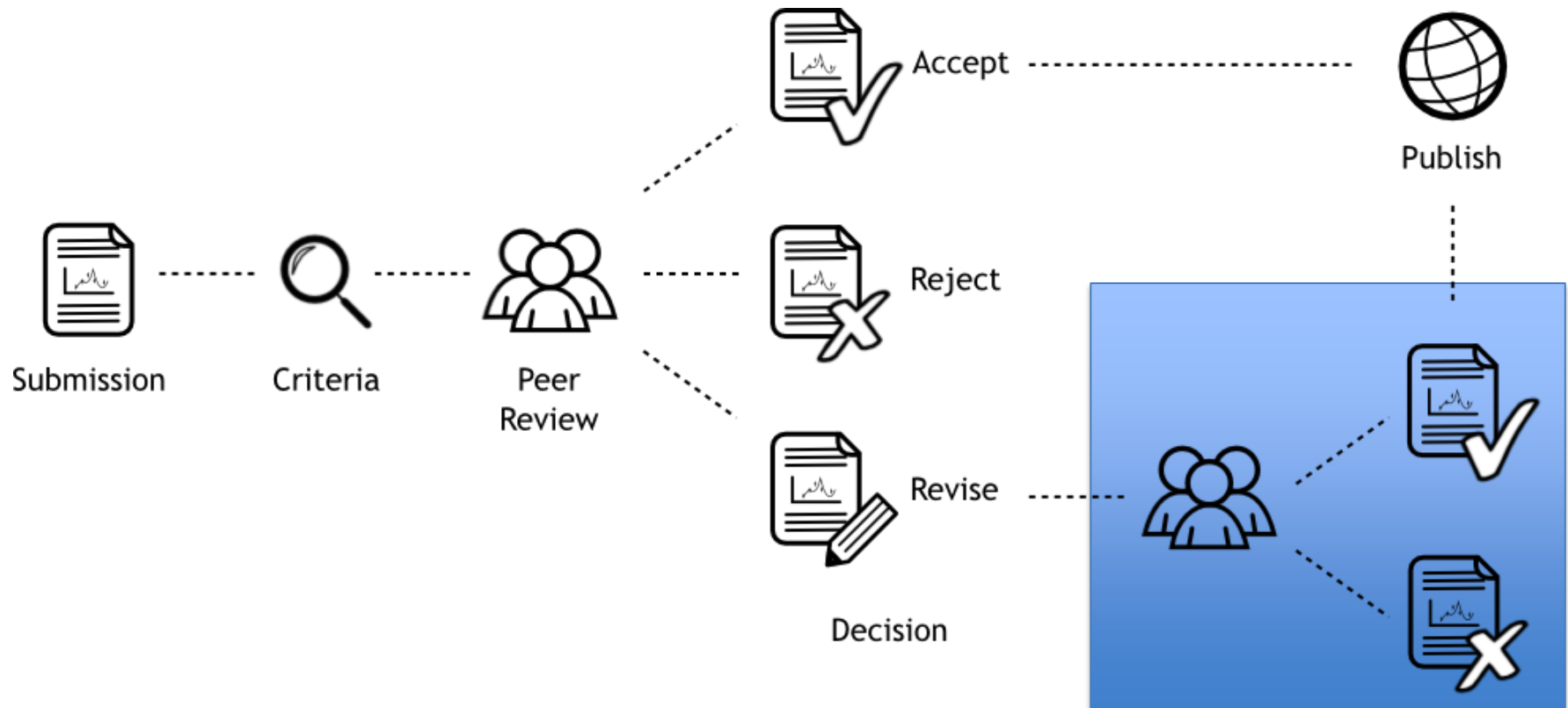
- Score on a 1-10 basis (1=low, 10=high) in three categories

- **A good score is essential !**

- Some questions as referees' guideline

- What impact will this article have in the field? (High, medium, low)
- Has the author made reference to the most recent and most appropriate work? (Yes, no)
- Is the article well written and the work clearly communicated? (Yes, no)
-

D: Following revision

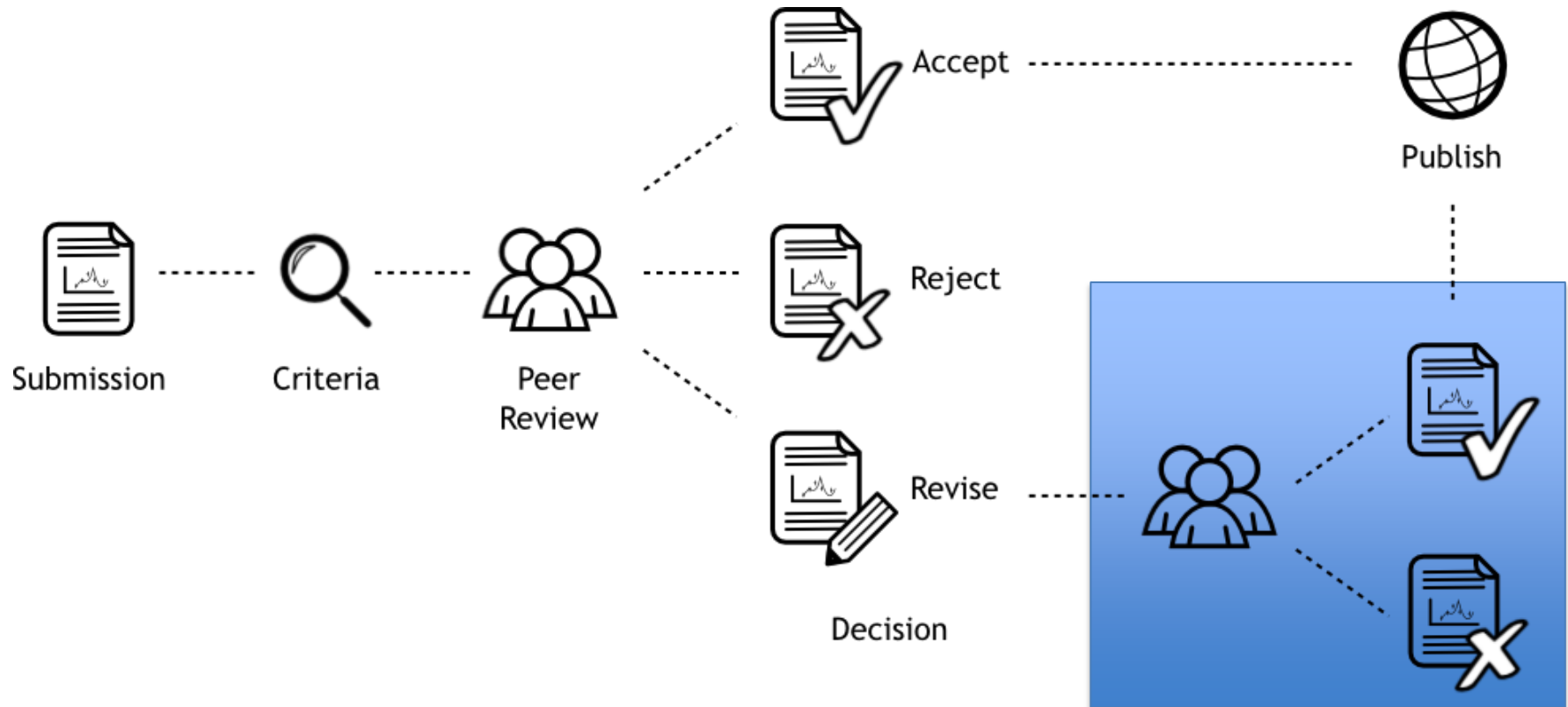


Peer review: Responding to referees' comments

- Read each referee's report carefully -> put away for a day!
- Read them again!
- Respond to each and every comment specifically
- Where you disagree, explain why clearly
- If referee misses a point it is not necessarily his/her fault
- Be polite!
- Keep a list of your changes
- Prepare a detailed covering letter with your response

FREE advice - use it!

D: Following revision



- Paper will be accepted if the referees are satisfied
- ...or rejected if the revisions are insufficient

Peer review: If your paper is accepted

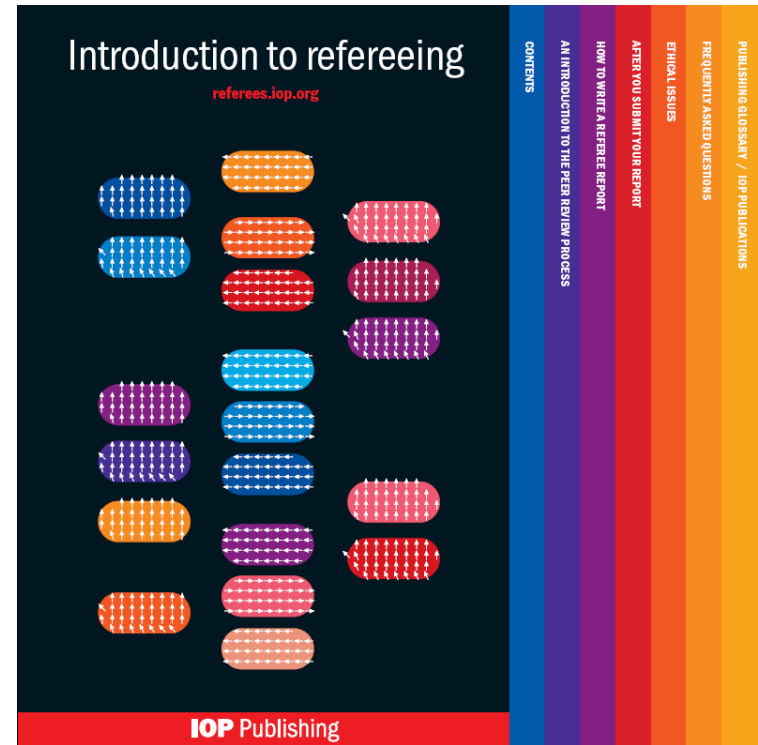
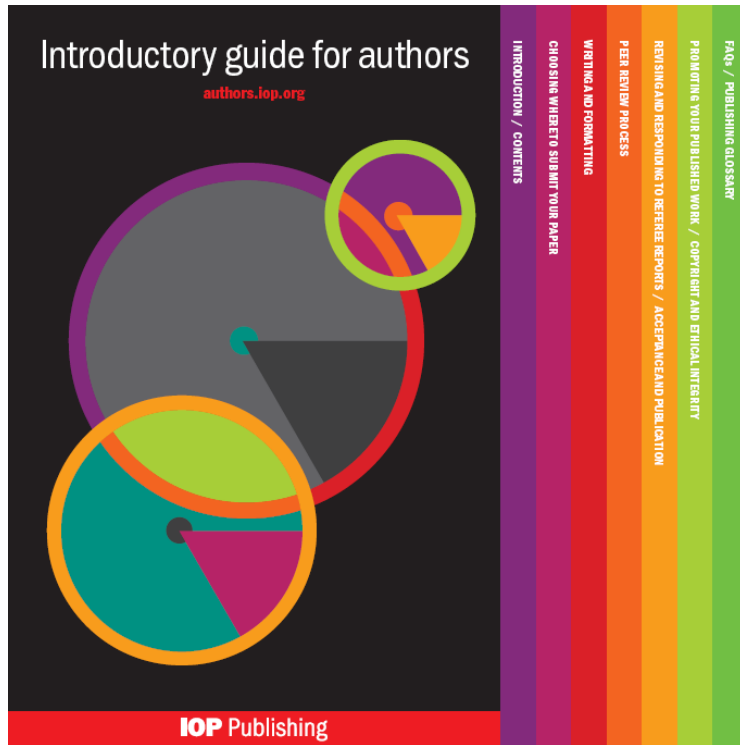
- **Great** - Congratulations!
- The journal will expect you to check the final-proof rapidly
 - Nominate another person if you are unavailable
 - Give one copy of proofs to somebody else to read
 - Reply to editor's queries

Peer review: What if your paper is rejected?

- Use the advice you received to improve your paper
- You can re-write your paper and re-submit it to another journal
- If you think the decision was wrong most journals give you an opportunity to appeal

Introduction to refereeing and Guide for authors

<http://www.ioppublishing.org/researchers>



Currently available in English, Chinese, Japanese and Spanish

More information...

- Introduction to refereeing
- IOP审稿指南
- <http://images.iop.org/referees-chinese/>
- <http://images.iop.org/referees/>
- <http://referees.iop.org>
- 《IOP作者指南》 (Introductory guide for authors)
 - <http://cms.iopscience.org/3205ba4f-d278-11e1-9b7a-4d5160a0f0b4/index.html>
 - <http://authors.iop.org/atom/usermgmt.nsf/AuthorServices>

Where to read and use IOP journals

- <http://iopscience.iop.org>

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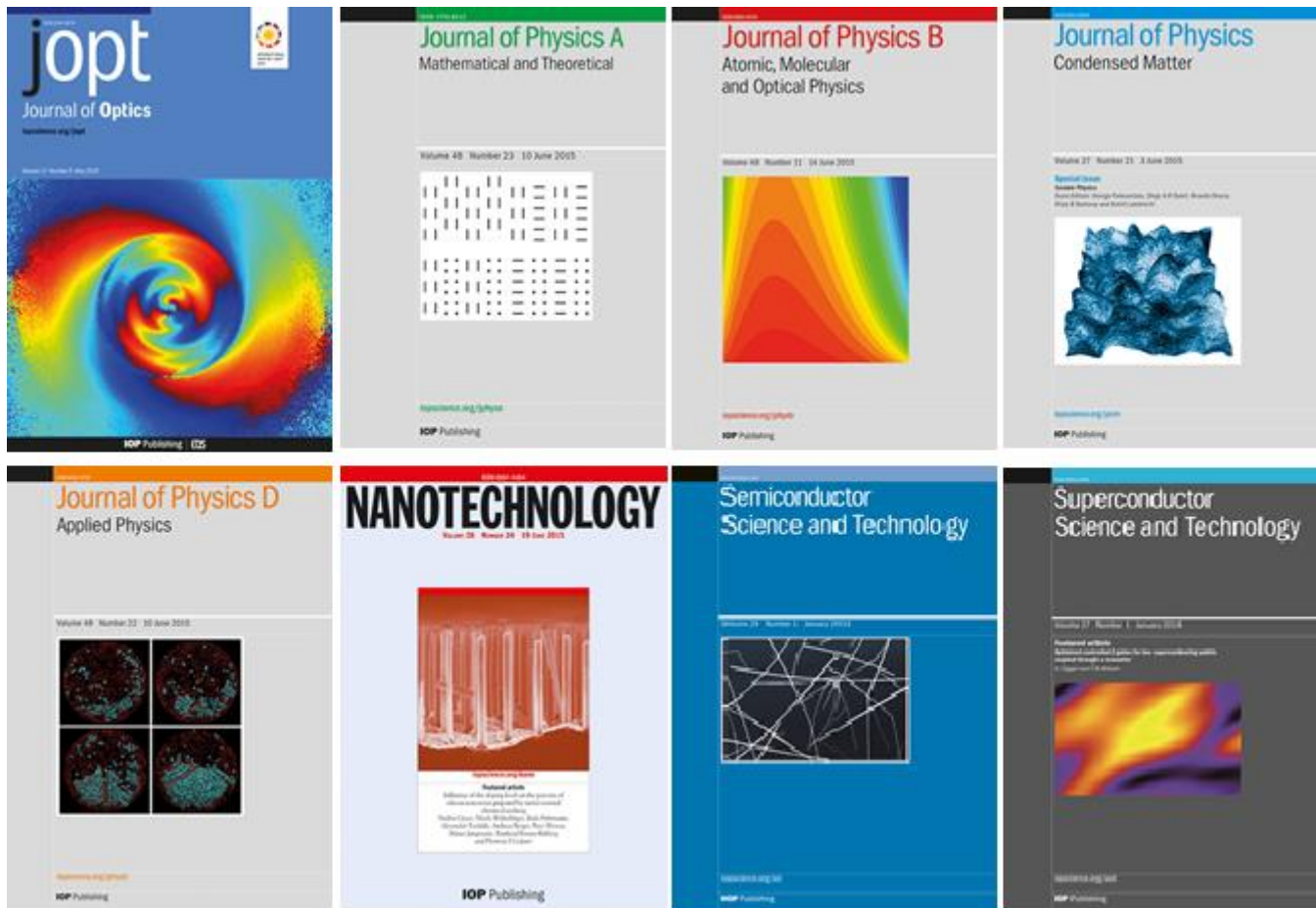
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- 北京603信箱37号分箱 邮编: 北京 100190
- Tel: (010) 82649679, Fax: (010) 82649678

- Mobile: 13911326927(吕铭方教授), 15101616708 (熊春)

- E-mail: mingfang.lu@iop.org, chun.xiong@iop.org
- <http://china.iop.org>

Free pre-refereeing & English polishing for 8 IOP journals



Welcome to submit more quality papers to IOP journals

● Questions ?

Please contact:

Chun.xiong@iop.org

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GOOD LUCK!! 😊

Thank you

谢谢!