

Physical Review Letters Submission Checklist

Manuscript Requirements

- ✓ Title and author information complete
- ✓ Abstract (approximately 200 words)
- ✓ Manuscript text within 3,700 words / 4 pages limit
- ✓ Properly formatted references (appropriate style and complete information)
- ✓ Figure quality check (300dpi minimum, appropriate file formats)
- ✓ LaTeX formatted for PRL template
- ✓ Equations properly formatted and numbered
- ✓ Section structure follows PRL convention

Supporting Materials

- ✓ Cover letter prepared
- ✓ Research highlights document
- ✓ Supplementary materials organized (if applicable)
- ✓ Suggested reviewers list (5 names with affiliations)
- ☐ Author conflict of interest disclosures
- ☐ Funding statements included

Technical Requirements

- ✓ Mathematical derivations verified and consistent
- ✓ Experimental proposals checked for feasibility
- ✓ Citation completeness verified
- ✓ Terminology consistency throughout manuscript
- ✓ Predictions clearly differentiated from standard theory
- ✓ Falsification criteria explicitly stated

Editorial Preparation

- ✓ Proofread for grammar and clarity
- ✓ Technical jargon minimized for broader accessibility
- ✓ Figures clearly labeled with descriptive captions
- ✓ Acronyms defined on first use
- ✓ Key predictions emphasized for clarity
- ✓ Conclusion summarizes findings and implications

Pre-submission Validation

- ☐ External colleague review completed
- ☐ Mathematical consistency double-checked
- ☐ Literature search updated to include recent publications
- ☐ All authors have approved final manuscript
- ☐ Copyright transfer form ready

Post-submission Plan

- ☐ Prepare responses to anticipated reviewer questions
- ☐ Outline revision strategy for likely feedback
- ☐ Identify potential follow-up papers

Note: Items marked with ✓ are complete. Items marked with ☐ require attention before submission.