

Springer Proceedings in Mathematics and Statistics

Guidelines for Volume Editors

The Editors of the volume are strongly advised to inform contributors about these points at an early stage.

(1) One (or more) expert participant(s) should act as the scientific editor(s) of the volume. They select the papers that are suitable for inclusion in the proceedings volume and have them individually refereed (as they would be for a journal). Scientific editors of the volume are responsible for ensuring that each contribution in the Work is fully peer-reviewed prior to its acceptance for the volume. Springer offers the OCS online manuscript submission and evaluation system. All conferences whose proceedings are published in the Springer Proceedings in Mathematics and Statistics (PROMS) series may now use OCS - with technical support - free of charge. If the volume editors do not use the OCS then evaluation of all contributions should be documented by them and, upon request, made available to Springer.

(2) The volume should be reasonably homogenous, i.e. concerned with a limited and well defined area. Contributions that are essentially unrelated to this central topic should be excluded. One or two longer survey articles on recent developments in the field are often very useful additions, for the sake of more complete or more varied coverage of the central topic. A detailed introduction on the subject of the volume is desirable.

(3) In title and subtitle please avoid expressions like: Topics in..., Proceedings of, Applications and theory..., Essays on.....etc. The series is already called *Proceedings* and these expressions are redundant. A simple title that refers to the central topic of the volume is desired. Information about conference location and date can be placed in a short subtitle according to the following schema: [Conference Acronym] [Conference Year or Conference Number or Number, Year], [City], [Country], [Month] [First Day- Last Day], [Year]

Please opt for short and concise subtitles: If the year is chosen to appear after the acronym, it should be omitted from the end of the subtitle. However, if the year is chosen to appear at the end of the subtitle, [First Day – Last Day] can be omitted.

Example: "Proceedings of the 6th International Conference on Probability in Complex Physical Systems held in Trento, Italy June 15 -19, 2015" should have the title: "Probability in Complex Physical Systems", and the subtitle could be "Trento, Italy, June 2015" or "Trento, Italy, June 15-19, 2015" or "ICPCPS 2015, Trento, Italy, June 15-19" or "ICPCPS 6, Trento, Italy, June 2015" or "ICPCPS 6, 2015, Trento, Italy, June 15-19"

You can also opt for an additional subtitle line. The second line of the subtitle provides information about the papers:

- "Selected Contributions" would be papers that were chosen for inclusion by the volume editors/scientific committee of the conference.
- "Selected, Revised Contributions" would be those which have been refereed and revised
- "Selected, Revised and Extended Contributions" would be those which were refereed, revised and expanded to include more topics than the initial talk/paper initially covered.
- a "Proceedings" volume, in this new scheme, would be a book that includes all papers to be presented at a conference. We want to discourage these volumes (see above point 2).

(4) The final set of manuscripts should be at least 150 printed pages long and preferably not exceed a total of 400 pages. Keeping the size below this limit should be achieved by stricter selection of contributions and NOT by imposing an upper limit on the length of the individual contributions. If the total length of all selected contributions still exceeds the upper page limit after undergoing a strict selection process, the proceedings may be published as multiple volumes. Please note that the amount of pages of a volume affects its price.

(5) The contributions should be of a high mathematical standard and of current interest. Research articles should present new material and not duplicate other papers already published or due to be published. Contributors should disclose any previous or planned publication of their contribution to the volume editor and might be asked to withdraw their contribution.

(6) *Research articles* should contain sufficient background and motivation and they should present proofs, or at least outlines of such in sufficient detail to enable an expert to complete them. Thus summaries and mere announcements of papers appearing elsewhere cannot be included, although more detailed versions of e.g. a highly technical contribution may well be published elsewhere later.

Contributions in *numerical mathematics* may be acceptable without formal theorems/proofs, provided they present new algorithms for solving (previously unsolved or less well solved) problems or develop innovative qualitative methods not yet suitable for a more formal treatment. *Surveys*, if included, should cover a sufficiently broad topic, and should normally not just review the author's own recent research. In the case of surveys, as an exception to the rule, proofs of results may not be necessary.

(7) *Mathematical Reviews* and *Zentralblatt MATH - ZMATH* recommend that papers in proceedings volumes include an explicit statement that they are in final form and that no similar paper has been or is being submitted elsewhere, if these papers are to be considered for review. We strongly recommend that each such paper include the statement explicitly.

(8) A complete proposal for the proceedings volume should be sent by email. It should give sufficient information on the volume editors, and on the proposed volume. In particular, it should include a list of the expected contributions with their tentative lengths and information about the planned reviewing/evaluation concept. Abstracts or early versions (drafts) of the contributions are also helpful.

(9) Other general guidelines for volume editors can be found at :
<https://www.springer.com/gp/authors-editors/conference-proceedings/conference-proceedings-guidelines>



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