Proposal Requirements for an AOP Review/Tutorial

Advances in Optics and Photonics (AOP) publishes invited, in-depth review articles and tutorials encompassing theoretical and experimental optics along with applications of optics and photonics technology. Specifically,

- reviews provide a comprehensive overview of topics that have maintained vigorous interest/activity over a long period of time and yet have ample room to grow;
- tutorials educate readers on emerging areas where new discoveries and recent results are expected to have an impact on research and applications in optics and photonics immediately, and in several directions.

Both reviews and tutorials should present a balanced view of recent work on the topic by the most active groups, rather than simply a summary of the author's own research. The article length can vary over a wide range; articles shorter than 40 pages, excluding references, are discouraged.

In addition, AOP tutorials should be written for a broad audience including not only experts in the topic but also students and non-specialists who are interested in learning and pursuing research in the topic. Graphics and interactive components, like animation and video, should be used whenever possible to enhance their educational value.

Any prospective author can submit a proposal for an AOP review or tutorial based on the following guidelines.

 List the names and affiliations of all authors. Identify the corresponding author.

Discuss in one paragraph why, in your opinion, the proposed topic requires a comprehensive review/tutorial at this time.

List the most relevant publications of the last 5 years and indicate whether there have been other reviews/tutorials/colloquia published recently in related topic areas.

For review articles, describe your perspective of how this topic will grow/develop in the near future.

For tutorials, describe your perspective on how recent discoveries or breakthroughs in this topic will immediately impact research and applications in optics and photonics, and in which directions.

Discuss in one paragraph why you think you are qualified to write the AOP review/tutorial on the proposed topic. List your most relevant publications.

Provide a list of the top key words for the proposed review/tutorial. These should be as specific to the topic area/field as possible.

Provide a list of key groups in the field whose work will be cited, or is related, and who may therefore be interested in reading the proposed review/tutorial.

Provide a completion date for the review/tutorial. It should be as realistic as possible given your workload and other duties.

Proposals should be emailed to the editor at aopmss@optica.org