Workshop (Panel Session)

Developing an open access e-journal. How technologies can help

- Moderator: Yuliya Mishura (Taras Shevchenko National University of Kyiv, Ukraine)
- Presenters:

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New technologies in the 21st century bring vast possibilities to academic community in publishing scientific materials. Scientists may establish the digital publishing ecosystem by themselves using the technologies developed by specialists.

The 12th International Vilnius Conference on Probability Theory and Mathematical Statistics and the 2018 IMS Annual Meeting on Probability and Statistics is a great place to have a discussion on how to develop a mathematical journal using the existing technologies.

Success stories of scientific teams that have launched a new journal, best practices of academic associations that have already developed solid journals, and authors' opinion on publishing services and processes will be discussed. The conclusions of the discussion will have a positive impact on mathematical publishing.

Themes that will be covered:

- How to reach and to attract authors and readers;
- How to simplify the publication process involving authors;
- What functionality is desired on the journal's webpage.

Optional topics

Optional topics that can be covered during the presentation are listed below. Presenter can choose a few themes from the list. Presenter also can choose his/her own topics.

- Which technologies can reduce the publication costs?
- PDF, tagged PDF, accessible PDF, full-text XML (JATS), HTML. Which format is in the webpage and why? Is it worth to produce HTML format? Do authors prefer to read articles in HTML or in PDF formats?
- Is it important to have a possibility to publish articles before the issue is published? Why this functionality is important?
- Exploiting the social media possibilities. Does communication in social media help to attract more readers and authors? Why or why not.
- Does a feature to show related articles in the journal's page adds much value? Why this list is important or why not? What article should be considered as a related article? Should related articles be found only within the publisher's journals?
- If an article has been cited – is it important to show the citation list next to the article? Can this functionality help to attract more authors to a "young" journal?
- Should the journal's website be customized to mobile devices? Is this functionality important? Why or why not?
- Is it important to show ORCID numbers with active links next to the authors? Why or why not?
- Is it important to show the article's statistics (e.g. how many times the article was opened) next to the article?
- Is the requirement to use proper templates and allowed packages in the LaTeX file too restrictive to an author?
- Are authors willing to comment articles? Is it important to show a readers' comments next to the article?