

Theoretical and experimental results in ultrafast dynamics and ultrafast bandgap photonics

A. Penguin¹, P. Bear²

¹ South Pole University, 80539 Amazon, Antarctica

² The University of North Pole, 78464 Checkers, Arctic

The template is designed for speakers of all invited talks at the Ultrafast Dynamics and Ultrafast Bandgap Photonics Symposium to help them format their extended abstracts that will be published in the Abstract Proceedings of the Symposium.

Replacing the template's title, list of authors, authors' affiliation, text, figures, figure captions, and the reference list with actual text and pictures will help both authors and organizers.

The Symposium organizers plan to print a color Abstract Proceedings booklet that will include all invited talks from the Ultrafast Dynamics and Ultrafast Bandgap Photonics Symposium. After previous Ultrafast Dynamics and Ultrafast Bandgap Photonics Symposia (Fig. 1), abstract proceedings were printed and delivered to all speakers and guests of the Symposium [1, 2].

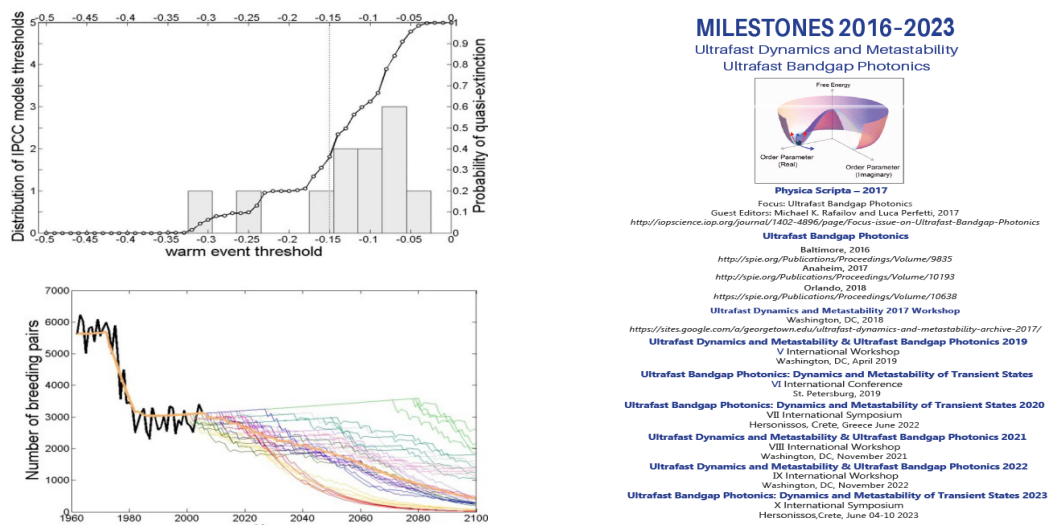


Fig. 1. Left :Antarctic penguin extinction rate [1]: Left: a- temperature dependence; b- year to year. Right: back cover of Ultrafast Dynamics and Ultrafast Bandgap Photonics Symposium abstract proceedings.

The extended abstract length should be from 1 full page of letter size (8.5 x 11 inches) to 4 full letter-size pages, including figures, figure captions and reference list. The Symposium Committee recommends that an extended abstract begins with few lines sentences where the idea, the concept or future development is described. References include names of all authors, full name of a journal or publications - Proceedings of IEEE, etc., first page as is in the database and year of publication in brackets. If the abstract content scientific is not published yet, then please list where it will be published, where it will be sent, and the year. In case this info is not available - just put (to be submitted) and a year.

Acknowledgments should be listed after References* in the same font as the references in the list.

References

[1] A. Penguin, A. Raccoon, P. Bear, *Physical Review B* **152**, 184351, (2070).

[2]

[3]

* Acknowledgement(s): authors (...) acknowledge support from NSF, (grant...).