

## IEEE COPYRIGHT LICENSE

To ensure uniformity of treatment among all contributors, other forms may not be substituted for this form, nor may any wording of the form be changed. This form is intended for material submitted to IEEE and must accompany any such material in order to be published by IEEE. Please read the form carefully and keep a copy for your files.

**TITLE OF PAPER/ARTICLE/REPORT, INCLUDING ALL CONTENT IN ANY FORM, FORMAT, OR MEDIA (hereinafter, “the Work”):**

**COMPLETE LIST OF AUTHORS:**

**IEEE PUBLICATION TITLE (Journal, Magazine, Conference, Book):**

### COPYRIGHT LICENSE

The undersigned hereby grants to The Institute of Electrical and Electronics Engineers, Incorporated (“IEEE”) a worldwide, nonexclusive, perpetual, irrevocable, royalty free license to use, reproduce, distribute, sell, and make derivative works of, in, and to: (a) the above Work, including any revised or expanded derivative works submitted to the IEEE by the undersigned based on the Work; and (b) any associated written or multimedia components or other enhancements accompanying the Work.

### CONSENT AND RELEASE

1. In the event the undersigned makes a presentation based upon the Work at a conference hosted or sponsored in whole or in part by the IEEE, the undersigned, in consideration for his/her participation in the conference, hereby grants the IEEE the unlimited, worldwide, irrevocable permission to use, distribute, publish, license, exhibit, record, digitize, broadcast, reproduce and archive, in any format or medium, whether now known or hereafter developed: (a) his/her presentation and comments at the conference; (b) any written materials or multimedia files used in connection with his/her presentation; and (c) any recorded interviews of him/her (collectively, the “Presentation”). The permission granted includes the transcription and reproduction of the Presentation for inclusion in products sold or distributed by IEEE and live or recorded broadcast of the Presentation during or after the conference.
2. In connection with the permission granted in Section 2, the undersigned hereby grants IEEE the unlimited, worldwide, irrevocable right to use his/her name, picture, likeness, voice and biographical information as part of the advertisement, distribution and sale of products incorporating the Work or Presentation, and releases IEEE from any claim based on right of privacy or publicity.
3. The undersigned hereby warrants that the Work and Presentation (collectively, the “Materials”) are original and that he/she is the author of the Materials. To the extent the Materials incorporate text passages, figures, data or other material from the works of others, the undersigned has obtained any necessary permissions. Where necessary, the undersigned has obtained all third party permissions and consents to grant the license above and has provided copies of such permissions and consents to IEEE.

Please check this box if you do not wish to have video/audio recordings made of your conference presentation.

## AUTHOR RESPONSIBILITIES

IEEE distributes its technical publications throughout the world and wants to ensure that the material submitted to its publications is properly available to the readership of those publications. Authors must ensure that their Work meets the requirements as stated in section 8.2.1 of the IEEE PSPB Operations Manual, including provisions covering originality, authorship, author responsibilities and author misconduct. More information on IEEE's publishing policies may be found at [http://www.ieee.org/publications\\_standards/publications/rights/pub\\_tools\\_policies.html](http://www.ieee.org/publications_standards/publications/rights/pub_tools_policies.html). Authors are advised especially of IEEE PSPB Operations Manual section 8.2.1.B12: "It is the responsibility of the authors, not the IEEE, to determine whether disclosure of their material requires the prior consent of other parties and, if so, to obtain it." Authors are also advised of IEEE PSPB Operations Manual section 8.1.1B: "Statements and opinions given in work published by the IEEE are the expression of the authors."

## GENERAL TERMS

1. The undersigned represents that he/she has the power and authority to make and execute this assignment.
2. The undersigned agrees to indemnify and hold harmless the IEEE from any damage or expense that may arise in the event of a breach of any of the warranties set forth above.
3. For jointly authored Works, all joint authors should sign, or one of the authors should sign as authorized agent for the others.
4. For the avoidance of doubt, Authors/employers retain all proprietary rights in any process, procedure, or article of manufacture described in the Work.

---

**Author/Authorized Agent for Joint Authors**

---

**Date**