

**AGREEMENT FOR PUBLICATION AND MARKETING OF
*IEEE TRANSACTIONS ON QUANTUM ENGINEERING***

AMONG THE

IEEE COUNCIL ON SUPERCONDUCTIVITY

IEEE MAGNETICS SOCIETY

IEEE MICROWAVE THEORY AND TECHNIQUES SOCIETY

IEEE PHOTONICS SOCIETY

IEEE SIGNAL PROCESSING SOCIETY

IEEE ULTRASONICS, FERROELECTRICS, AND FREQUENCY CONTROL SOCIETY

IEEE ANTENNAS AND PROPAGATION SOCIETY

IEEE COMPUTER SOCIETY

Version: 11 JUNE 2021

MEMORANDUM OF UNDERSTANDING FOR FINANCIAL CO-SPONSORSHIP

The Institute of Electrical and Electronics Engineers, Inc. (IEEE) Council and Societies identified below agree to jointly publish a “gold open-access” periodical to be known as IEEE TRANSACTIONS ON QUANTUM ENGINEERING (hereafter “the Publication”) and to financially support the Publication with the below percentage shares:

- IEEE Council on Superconductivity 24.5%
- IEEE Magnetism Society 10.5%
- IEEE Microwave Theory and Techniques Society 14%
- IEEE Photonics Society 10.5%
- IEEE Signal Processing Society 10.5%
- IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society 10%
- IEEE Antennas and Propagation Society 10%
- IEEE Computer Society 10%

This collective of Council/Societies will be hereafter referred to as the “Financial Sponsors.”

MANAGEMENT COMMITTEE AND EDITORIAL SUPPORT STRUCTURE

The management of the Publication shall be vested in a Steering Committee (hereafter “Committee”) composed of two members from the Council on Superconductivity (the lead Financial Sponsor), one member from each of the other Financial Sponsors, and a non-voting Editor-in-Chief. The Committee shall develop the budget, elect the Editor-in-Chief, and establish operating policies and procedures for the Publication. The selection process for the Editor-in-Chief shall be open and fair. It is expected that decisions will be reached by consensus. However, in the absence of a consensus, voting on actions of the Committee shall require a majority affirmative vote of the voting members in attendance, and be in accordance with *Robert’s Rules of Order* as practiced by IEEE. There shall be no proxy voting.

The Committee shall elect a Chair from the Committee members. The Chair shall be responsible for the Committee administrative functions, which include arranging and running Committee meetings. The Chair shall be responsible for developing and providing all Committee members and the Financial Sponsors’ Vice Presidents for Publications with the minutes of each Committee meeting.

The Treasurer shall be a member of the IEEE and be appointed by the Council on Superconductivity, in consultation with the Steering Committee. The Treasurer will develop the annual budget and monitor the overall finances of the Publication. The Treasurer shall be responsible for securing the approval of each year’s budget. The Treasurer shall submit the initial budget for the coming year in accordance with IEEE’s budgeting process. (The initial budget is usually due on May 15 and the first iteration of the budget is usually received on June 15.) The Treasurer shall provide annual financial reports to the Treasurer of each Financial Sponsor. The Treasurer shall be a non-voting member of the Committee unless the Treasurer is a voting member by virtue of serving as a representative of one of the financial sponsors.

The Committee shall meet as needed, in person or via webconference/teleconference, at least four times per year during the first two years, and no less than once per year thereafter. Urgent matters may be decided by teleconference, correspondence, or e-mail, provided a diligent effort is made to contact all members of the Committee and the required fraction of the Committee approves the proposed action with regard to the matter. Any travel costs for each Committee representative shall be covered by the appointing organization. Travel costs for the Editor-in-Chief of the Publication to attend meetings, which may include Committee meetings, the IEEE

Board Series, and IEEE Panel of Editors meetings, as well as the actual meeting expenses for the Committee, shall be budgeted as an editorial expense and borne by the Publication; therefore, these travel and meeting expenses should be incorporated into the Publication's annual budget. If the Committee meeting takes place at a conference site, the primary choice shall be a conference co-sponsored by at least one of the Financial Sponsors or at a conference that deals with the scope of the Publication.

The Financial Sponsors shall be responsible for appointing their respective representative to the Committee. The term of office of each representative shall be two years, with one possible renewal. A representative may be reappointed after a two-year break in service. To promote Committee continuity, efforts will be made for the representatives' terms to be staggered. Each of the Financial Sponsors may remove their respective representative from office at its own discretion.

The Committee shall elect one of its voting members to be the Chair. The renewable term of the Chair shall be one year. To enable the speedy and effective preparation for launch of the Publication, the Chair for 2020 shall be appointed by the IEEE Council on Superconductivity because it has the majority share of the financial responsibility noted in the first section of this agreement.

The Editor-in-Chief shall be elected for a three-year term. During the time of office, the Editor-in-Chief shall be a member of the IEEE. The Editor-in-Chief is responsible for the overall editorial operation of the Publication. The Editor-in-Chief will provide recommendations to the Committee for supporting editorial positions (e.g., editors, associate editors). If an Editor-in-Chief should resign before the end of the term, the Committee shall elect a replacement to complete the term. The Editor-in-Chief may be removed from office by a majority vote of all the voting members of the Committee, transmitted to the chair in writing. An Editor-in-Chief can be reelected, but may not serve more than two consecutive terms. The Committee will consider the diversity of technical fields represented in the Publication when selecting the Editor-in-Chief.

The journal will have an editorial board, consisting of the Editor-in-Chief and the other editors, which will meet at least annually via webconference or similar or at conferences attended normally by members of the editorial board. Each Financial Sponsor will nominate at least two Associate Editors to the editorial board, subject to approval by the Editor-in-Chief and the Committee. The Editor-in-Chief, guided by the distribution of article submissions and demonstrated competence of individual reviewers, may nominate additional Associate Editors, subject to approval by the Committee. The Editor-in-Chief may recommend promotion of Associate Editors to the designation of Editors, subject to approval by the Committee.

EDITORIAL POLICY

Editorial policy shall be consistent with the policies and procedures of IEEE and the Publication Services and Products Board's Operations Manual. The editors of the Financial Sponsors' other publications shall be encouraged to forward suitable material to the Publication. The Editor-in-Chief shall direct papers not within the scope of the Publication to other Financial Sponsor publications for consideration, as appropriate.

PERIODICAL SCOPE

The current scope of the Publication is: IEEE TRANSACTIONS ON QUANTUM ENGINEERING publishes regular, review, and tutorial articles based on the engineering aspects and applications of quantum phenomena, including quantum computation, information, communication, software, hardware, devices, and metrology. Articles also address quantum-engineering aspects of superconductivity, magnetism, microwave techniques, photonics, signal

processing, and frequency control.

This scope can be changed after approval by the Committee as well as each of its sponsoring partners. The formal IEEE scope change approval process shall be followed.

PERIODICAL COVER AND NON-MEMBER MARKETING MATERIALS TREATMENT

The front matter of the Publication shall have a statement that the Publication is a joint publication of the Financial Sponsors. The Publication Information page shall display the logos of the IEEE and the Financial Sponsors. All marketing information solely focused on the Publication shall indicate the Publication website, which states that the Publication is a joint publication of the Financial Sponsors. Each Financial Sponsor will promote the Publication to its own constituency.

INTELLECTUAL PROPERTY

The IEEE shall own the trademark to the title of the Publication and shall be free to register such mark at IEEE's sole discretion but at the expense of the Publication, as this is part of standard practice. The IEEE shall own the copyright to the Publication. All articles will be "gold open-access," published under the Creative Commons Attribution (CC BY) license. In order to promote the journal, the Financial Sponsors may waive article processing charges (APCs) for certain periods of time and for certain types of articles.

FINANCES

Charges to the Publication shall be in accordance with the regular procedures for IEEE periodicals. If an expense exceeds its budget by more than 20%, advance approval from the President of each Financial Sponsor must be obtained. The Committee shall plan its operation and develop a budget which encompasses, at least, the following factors:

- The budget in any year may be negative (expected in the first few years) or positive.
- The budget shall normally include a 5-10% contingency factor;
- The budget must be approved by each of the Presidents from the Financial Sponsors. Each Financial Sponsor's share of the budgeted net shortfall or profit will be known to the Financial Sponsors' Presidents, and the Presidents should be reminded that deviations from that budgeted level will impact them (either favorably or negatively) when the year-end value of the Publication's financial account is returned to the Financial Sponsors in proportion to their ownership percentage.

The Committee shall maintain an account at IEEE for the purpose of providing operating funds for the Publication. The Committee will assure that sufficient funds are available at all times to meet Publication operating expenses as shown in the budget.

The journal is not expected to be profitable until it receives a Journal Impact Factor at the end of year three. The journal expects to lose money for the first three years of operation. The sponsors are prepared to underwrite these losses.

AGREEMENTS AND DURATIONS

The term of this agreement shall begin November 24, 2019, and the agreement will be revised and renewed at least every three years. A Financial Sponsor may withdraw from Financial Sponsorship upon written one-year

notification to the Committee Chair, the other Financial Sponsor's President and Vice President of Publications, and IEEE Technical Activities staff (via periodical@ieee.org). A Financial Sponsor's withdrawal from the agreement would also be prompted if it ceases existence, although as much forewarning as possible should be given to other Financial Sponsors to enable development of a transition plan. By a three-quarter's majority vote of the Committee, a society's financial sponsorship may be terminated with one-year's notice.

In the case of termination, the remaining Financial Sponsors shall be invited to increase their financial sponsorship in proportion to their existing level of sponsorship (right of first refusal) or as otherwise agreed by the Committee. If a Financial Sponsor declines to increase its level of financial sponsorship, the IEEE Council on Superconductivity will assume the additional financial sponsorship of the declining Financial Sponsor.

By a three-quarter's majority vote of the Committee, a new Financial Sponsor may be added, with a readjustment of the percentages of financial co-sponsorship in proportion to their existing level of sponsorship until reaching a floor of 10% for each Financial Sponsor.

Levels of financial co-sponsorship will be reviewed upon each renewal and may be adjusted.

All modifications to this agreement must be approved by the Administrative Committees of each of the Financial Sponsors. All modifications to this agreement must be in writing, signed by the Presidents of the Financial Sponsors, and communicated to the Publication's Committee and IEEE Technical Activities staff (via periodical@ieee.org).

Upon termination of this agreement or the termination of the Publication, the Financial Sponsors agree to the following terms:

- A. The Publication shall cease publication at the end of the next calendar year, or earlier, as mutually agreed to by all Financial Sponsors. This will allow for planning and communication surrounding how to most effectively transition operations keeping in mind the need for communication and coordination with involved entities, authors, and readers.
- B. In the case of a requested withdrawal from Financial Sponsorship, the partnership end's effective date shall be at the end of a publication year, mutually agreed to by all Financial Sponsors. This will allow for planning and communication surrounding how to most effectively transition operations keeping in mind the need for communication and coordination with involved entities, authors, and readers.
- C. IEEE shall retain all intellectual property rights granted to it under this agreement.
- D. The year-end finances will be netted out to zero.
- E. All indications of joint sponsorship with terminating Financial Sponsors shall be removed from all future issues of the Publication.
- F. Those papers accepted for the Publication or under review and subsequently accepted shall remain committed to Publication.

OUTREACH FOR COMMUNICATIONS

All Financial Sponsors will help market the Publication through periodic communications to their authors, members, and community participants for purposes of author and reader awareness.

AGREEMENT ACCEPTANCE BY THE PRESIDENTS OF THE FINANCIAL SPONSORS

Signature and Date: _____

John Przybysz, President, IEEE Council on Superconductivity

Signature and Date: _____

Masahiro Yamaguchi, President, IEEE Magnetics Society

Signature and Date: _____

Gregory W. Lyons, President, IEEE Microwave Theory and Techniques Society

Signature and Date: _____

Carmen Menoni, President, IEEE Photonics Society

Signature and Date: _____

Ahmed H. Tewfik, President, IEEE Signal Processing Society

Signature and Date: _____

Paul Reynolds, President, IEEE Ultrasonics, Ferroelectrics and Frequency Control Society

Signature and Date: _____

Yahia Antar, President, IEEE Antennas and Propagation Society

Signature and Date:  _____ 1 Nov. 2021

Forrest Shull, President, IEEE Computer Society