

By-Laws of Fritz London Memorial Prize Committee

as written by John Bardeen with the input of Michael Tinkham (1973)

Amended in '02 and in final form on June 13, 2003, as per input of R.C. Richardson,
Chair London Prize 2005

I. This committee shall choose the winners of the Fritz London Memorial Prize, and present the Award(s) at the International Conference on Low Temperature Physics with a suitable citation for each winner. Awards are to be made in recognition of outstanding contributions to research in low temperature physics, thereby commemorating the remarkable contributions of Fritz London.

Amendment('03) The Chair of the Committee shall communicate important developments and decisions of the committee [for example the winner(s) of the Award] and the Chair and members of the next selection committee] to - and may seek advice of - the Trustee Committee of the Fritz London Memorial Prize. This Trustee Committee has been established to assist the Dean of Graduate School of Duke University to oversee the selection and administration of the Prize.

II. The committee shall be composed of four members plus a chairman. In addition, the chairman of the Very Low Temperature (VLT) commission of the International Union of Pure and Applied Physics or an alternate designated by him (normally another member of the VLT commission) shall serve as an adjunct member to provide a link between the committee and the international low temperature physics community. The normal term of office for each regular member will cover the Awards made at two successive conferences (6 years). Terms of service shall be staggered so that two new members are normally named after each conference. At the same time, a new chairman shall be chosen from among the members of the committee, normally from among the two senior members who would otherwise retire. All such elections shall be made by consensus of the entire current committee, as shall replacements in case of any resignations.

Amendment('03). Any nomination of a committee member for the London Prize is automatically to be delayed until the time of the next London Prize when that member's tenure on the committee has already been completed. Committee members are not to nominate a candidate from their own institution, nor to participate in the discussions or voting of a candidate from the committee member's institution.

To facilitate consultations, committee membership (apart from the adjunct member) will normally be restricted to low temperature physicists residing in North America. Members

will be chosen so as to maintain reasonable diversification by subfields, theory/experiment, geography, and types of laboratories.

Amendment('03) Because of much improved means of communication over the past two decades, committee membership is open to low temperature physicists residing outside of North America.

III. The final responsibility for the choice of Award winner(s) shall rest with the committee, and it will normally be made by unanimous agreement after consensus has been reached. Detailed procedures will be determined by each committee, but the following guidelines will normally be followed:

- 1) Requests for nominations, with supporting data, will be solicited directly from a large number of distinguished low temperature physicists representing all countries in which substantial research effort is carried on.
- 2) A similar request will be published in a suitable journal or journals.
- 3) The adjunct member representing the VLT Commission of IUPAP will be consulted.
- 4) From the externally supplied nominations and any others added by the committee, a short list of leading contenders will be selected. For each of these, comparable documentation of contributions to low temperature research will be developed. On the basis of this material, the Committee will produce an ordered list of preferences, leading to a final choice.
- 5) In reaching this final choice, if there are candidates who appear essentially equally well qualified, the committee may, but is not obliged to, favor those who have not previously received either this Award or the Simon Award, which has a rather similar character. In the future, informal consultation between the Simon and London Award Committees may be desirable with the aim that a given candidate receive that Award which is the more appropriate in view of the interests of Simon and London, respectively.

IV. Normally, a single Award will be made to the individual selected as described above. However, variations may occur. For example, the Committee may feel that two or even three individuals jointly should receive the Award, either for collaborative work (such as the development of the BCS theory of superconductivity) or for related but independent

work. Another possibility would be that the Committee would determine that two separate Awards should be made, honoring two distinct contributions to research. This possibility is enhanced by the fact that the Low Temperature Conferences are shifting to a triennial schedule, reducing the number of occasions on which the Award is made compared to the old schedule of biennial conferences.

The options of awarding multiple awards as outlined here are open to each Committee, to the extent that funding makes them feasible. Similarly, if funds are available, travel and expenses of the Award winner will be reimbursed from endowment funds. Otherwise, these extra expenses will be requested from the Conference organizers in recognition of the Fritz London Memorial Award Lecture(s) which will normally be given following the presentation of the Award(s).

V. The funds for the Awards, travel expenses, and expenses of the committee shall be derived from the income of the Fritz London Endowment Fund, held in trust by Duke University. It is anticipated that not more than two thirds of the income of the Endowment Fund will be made available in connection with the Award. This should allow initial funding of an Award or Awards totaling \$2,000 to \$2,500 every three years.

These arrangements are subject to review and revision from time to time by mutual agreement among the chairman of the Award Committee, the Head of the Physics Department at Duke University, and a third person selected jointly by both of them, such as the chairman of the Division of Solid State Physics of the American Physical Society, or someone nominated by him. Such revisions could include changes in the fraction of the Endowment income allocated to the London Awards, not excluding the possibility of terminating the Awards at some future date if this appears desirable in the latter case, the entire income would revert to Duke University to be used for other purposes consistent with the Endowment.

VI. If it is deemed desirable at some future date, these bylaws may be revised by consensus of the Award Committee, with the concurrence of the Head of the Physics Department at Duke University.