

IEEE Region 5 Stepping Stone Award Proposal Form

Proposed Title

Include the year or range of years in the title; e.g., "Alternating Current Electrification, 1886"

Thank you for proposing a technical achievement for possible recognition as an IEEE Region 5 Stepping Stone in one or more of the IEEE Fields of Interest, including the STEM disciplines. Your efforts help preserve the heritage of technology.

What is the date of the concept and/or the first instance of the concept leading to the achievement?

CONCEPT: _____
FIRST INSTANCE: _____

What is the year or range of years in which the achievement occurred?

YEAR(S): _____

Please identify the specific field(s) of interest? (e.g., "the theory and practice of electrical, electronics, communications and computer engineering, as well as computer science, the allied branches of engineering, and the related arts and sciences:")

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____

Did the achievement provide a meaningful benefit for humanity? Yes No

Was it of regional importance? Yes No

Does it have importance outside of Region 5? Yes No

Has an IEEE Region 5 Organizational Unit (OU), or Region 5 itself, agreed to pay or secure funding for the stepping stone plaque? Yes No

If so, specify which: _____

Has an IEEE Region 5 OU, or Region 5 itself, agreed to arrange the award/presentation event?

Yes No

If so, specify which: _____

Has the IEEE Region 5 Section in which the stepping stone is located agreed to take responsibility for the plaque after it is awarded? Yes No

If so, specify the OU: _____

Has the owner of the site given permission to place an IEEE plaque? Yes No

If so, specify the owner: _____

Contact the Region 5 History Chair if you are unable to answer "yes" to all of the above, except those questions pertaining to importance beyond Region 5, and would still like to proceed.

Please provide a plaque citation in English summarizing the achievement and its significance. The text is absolutely limited by plaque dimensions to 60 words for reasons of aesthetics and costs. In addition, please note that the Region 5 History Chair in consultation with the Region 5 History Committee shall have final determination on the wording of the citation presented to the Region 5 ExCom for approval.

Please provide the proposer(s) name(s) with email address(es). (Note: Your contact information will be masked on website postings of this submitted proposal form for privacy reasons. Only the Region 5 History Chair and History Committee will be able to view the email address(es) .)

- 1) _____
- 2) _____
- 3) _____

Street address and GPS coordinates of the intended stepping stone plaque site(s).

Street Address: _____

GPS Coordinates: _____

Please provide contact information for the senior management official at the site. (Name, mailing address, email address and phone number).

What is the relationship of the intended site(s) of the stepping stone plaque to the achievement? The intended site(s) must have a direct connection with the achievement (e.g., where developed, invented, tested, demonstrated, installed, or operated, etc.). A museum where a device or example of the technology is displayed, or the university where the inventor studied, are not, in themselves, sufficient connection for a stepping stone plaque.

Also, please also include a description of the current use of the stepping stone site(s). (e.g., Is it corporate buildings? Is it a historic site? Is it a residential area? Are there other historical markers already at the site?) In the case of multiple sites, provide this information for each site.

Are the original buildings still in place at the site(s)? In the case of multiple sites, provide this information for each site.

Please provide the details of the mounting. (e.g., on the outside of the building, in the ground floor entrance hall, on a plinth on the grounds, etc.) In the case of multiple sites, provide this information for each site.

How is the intended plaque site protected/secured, and in what ways is it accessible to the public? If visitors to the plaque site will need to go through security or make an appointment, then please give details as well as the contact information visitors will need in order to arrange to visit the plaque. In the case of multiple sites, provide this information for each site.

Who is the present owner of the site? In the case of multiple sites, provide this information for each site.

Please attach a letter from the site owner(s) giving permission to place IEEE Region 5 stepping stone plaque on the property. In the case of multiple sites, provide this information for each site.

Please attach a letter or email from the Section Chair supporting the stepping stone application.

In the space below, please describe in detail:

- the historic significance of the achievement,
- its importance to the evolution of electrical and computer engineering and, more broadly, of all IEEE Fields of Interest, including the STEM disciplines,
- its importance to regional development,
- its benefits to humanity,
- the ways the achievement was a significant advance rather than an incremental improvement of existing technology.

The material submitted here will constitute the main descriptive information posted on the Region 5 pages of the ETHW website for readers to learn about the stepping stone. Space is essentially unlimited, and detail is encouraged. Most stepping stones require 500 to 1500 words of support article-like text, however there is no word limit. The “article” should be readable by a wide audience that includes practicing engineers, scholars of history, and the general public. An example of the text of a good article is the First Radio Astronomical Observations Using Very Long Baseline Interferometry, an IEEE Milestone located at

http://ethw.org/Milestones:First_Radio_Astronomical_Observations_Using_Very_Long_Baseline_Interferometry.

What is the historical significance of the work (its technological, scientific, or social importance)?

What obstacles (technical, political, geographic) needed to be overcome?

What features set this work apart from similar achievements?

Are there any known challenges, such as to the correctness of claimed originators or of ownership of associated intellectual property, with respect to this achievement? Please describe any legal actions—pending, current, and past—associated with this achievement. And, please include any patent and copyright actions.

Provide notable English-language references or excerpts thereof to establish the dates, location, and importance of the achievement. You must also be prepared to supply copies of the references or excerpts themselves. A minimum of three (3) or as many more as needed to support the stepping stone, should be provided. Such materials include, contemporary newspaper articles, journal articles, or citations to pages in scholarly books. On-line references to materials in the public domain are acceptable, but keep in mind that such sources are often not durable. It is highly desirable for at least one of the references to be from a scholarly book or journal article.

All supporting materials must be in English, or if not in English, accompanied by an English translation. You must supply the texts or excerpts themselves, not just the references. You must also indicate who holds intellectual property ownership of the supplied materials if such are not in the public domain. Images and photographs are especially appreciated, however, it is necessary that you list the copyright owner for these and obtain the copyright owner's permission to reuse them.