

Fanni Reunion Foundation, Inc.



FRF's Second International Paper Competition in Honor of Professor Lotfi Zadeh, Ph.D. and his 90th Birthday *A Distinguished Fanni Alumni — Class of 1942*

The Fanni Reunion Foundation, Inc. (FRF) is pleased to announce the Second Graduate Student Paper Competition. The FRF's objectives for this competition include: (1) To motivate graduate students and young professionals to produce original and noteworthy work that contributes to the betterment of human welfare, (2) To promote research and active involvement of students in the field of fuzzy logic and computing with the words, and (3) To acknowledge the services of Professor Lotfi Zadeh, PhD, an outstanding alumni of electrical Engineering Department at *Fanni*, University of Tehran, and the inventor and father of Fuzzy Logic.

A team of judges will review the papers entered for the competition and the finalists will be announced on FRF's website. The rules and topic of competition may change in each competition. Anyone interested to make donations to FRF to continue this competition in the following years, please contact any of the FRF board members.

The winner of the competition will be invited to present his/her paper at one of the FRF lecture series in Los Angeles, California. A **\$1,000 cash award** and a plaque of recognition will be presented to the winner in the annual FRF Gathering. Two other runner-ups will be recognized at the annual FRF gathering as Honorable Mention with a certificate and **\$100 cash award** each. The extended abstract of the winning paper will be published in the FRF newsletter and website, and any third party publication. Conditioned on release of copyright, the paper will be published in the FRF newsletter and website.

About Fanni Reunion Foundation, Inc.

The Fanni Reunion Foundation, Inc., is an association of alumni, faculty, and staff of the School of Engineering (*Fanni*), University of Tehran. FRF is a non-profit public benefit corporation, established in the State of California. Further information is available on FRF website (<http://www.fannireunion.org>).

A Short Biography of Professor Lotfi Zadeh (born February 4, 1921)

Prof. Zadeh (Lotfali Askar Zadeh) is a mathematician, electrical engineer, computer scientist, who was born in Baku, Azerbaijan to an Iranian Azeri father from Ardabil, Rahim Aleskerzade, who was a journalist on assignment from Iran, and a Russian Jewish mother, Fanya Koriman, who was a pediatrician. When Zadeh was ten years old, his family moved back to Iran. Prof. Zadeh grew up in Iran, and studied at Alborz High School. After high school, he took the national university exam and ranked second in the entire country. In 1942, he graduated from the University of Tehran (*Fanni*) with a degree in electrical engineering, and immigrated to the United States in 1944. He received an MS degree in electrical engineering from MIT in 1946, and a PhD in electrical engineering from Columbia University in 1949. Prof. Zadeh has taught at Columbia University and the University of California, Berkeley. He published his seminal work on fuzzy sets in 1965, in which he detailed the mathematics of fuzzy set theory. In 1973 he proposed his theory of fuzzy logic. Prof. Zadeh is married to Fay and has two children, Stella and Norman. Professor Zadeh was invited to the 2010 FRF Annual Meeting as the Keynote Speaker and graciously gave a presentation on Fuzzy Logic.

RULES

Topic

The topics of the papers should be directly related to **Practical Application of Fuzzy Logic and Computing with Words**. However, topics that have a broad impact on the society are preferred. Topics that are indirectly related to the theme are acceptable, but may not be competitive.

Deadline

Application forms and a 100-word abstract shall be submitted by the deadline. The deadline is announced on FRF website: <http://fannireunion.org>). Papers and all required materials for competition must be received by close of business on the date posted on <http://fannireunion.org>.

Authorship

The paper must be the original work of the author and this applicant must be listed as the first (primary) author. A faculty member, other advisor(s), or colleague may co-author the paper. The award and recognition, however, will be granted solely to the first author.

Qualification

1. B.S. in Engineering Degree (4YR Program) or Higher
2. Maximum 36 years of Age by the deadline date for full paper mentioned above
3. Original unpublished papers have a 10% higher chance of winning.

This competition is international and any graduate student or engineer from anywhere in the world is welcomed to participate. FRF may require a formal letter from the university or the affiliating organization. FRF does not discriminate based on gender, country of origin, religion, race, sexual orientation, age and/or color.

Papers published in any publication (journal, conference proceedings, meeting note, etc.) during the 12 months prior to the deadline can be submitted as an entry to the competition according to authorship rules below. For published papers a ***permission letter*** from the publishing entity is required which should allow FRF to publish/reprint the paper in FRF newsletter which distributed electronically through the public FRF website as well as hard copy. However, FRF will reserve the copyright to the extended abstract and reserves the right to grant permission for publication to any third party. FRF permits that the full papers be submitted to other organizations, but not the extended abstract. Each author can submit only one paper for the competition.

Language and format of the Paper

All papers must be in English. Guidelines for preparing and submitting the manuscript can be obtained from <http://www.fannireunion.org>

Selection of Jury Members

A jury committee will be recommended by the competition committee and endorsed by FRF board of directors. The judges shall be prominent professionals in the field of competition topic.

Administration of Contest

The competition is administered by a committee assigned by the FRF Board of Directors.

Judging Criteria

Extended Abstracts and Papers will be judged based on originality, relevance, intellectual merit (work's importance in advancing the state of the art), broader impact on the society, English standards, presentation and writing style, clarity, and innovation and originality of the concept, the technical approach and quality of methodology, rational, sufficient and consistent results, validity of the conclusions drawn from the results (if applicable). Papers will be judged in a one or two round screening process, depending on the number of paper entries. Extended abstracts may be used for initial screening of the papers.

Submission

Electronic versions in **both PDF and Word** formats must be received at contest@fannireunion.org. Save the PDF in "print" resolution. The PDF and Word files may be put inside a zipped file. Do not e-mail files greater than 5 megabytes in size. Files, however, can be sent separately with proper subject. For files exceeding the 5 megabyte limit, submission via CD and direct mail (snail mail) is recommended. All manuscripts will be acknowledged upon receipt.

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