

# IFSA Newsletter Vol. 9, No. 2, June 2012



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EDITED BY: Shun-Feng Su  
VP for publicity

IFSA newsletters are a forum to share news and ideas for all IFSA members. In this issue, some portraits made by Prof. Zadeh are included. The article is prepared by Dr. Ildar Batyrshin of Research Program of Applied Mathematics and Computations, Mexican Petroleum Institute. It is great to have such an article to share with all IFSA members. We sincerely thank Dr. Batyrshin for his contributions.

## I. Message from Newsletter Editor

Dear IFSA Members:

As the vice president for publicity, my main job is to regularly publish IFSA newsletters. IFSA newsletter is currently published quarterly. We hope that the IFSA newsletters can become a forum to share news and ideas for all members of IFSA. We would like to establish this channel for all members of IFSA. However, it may be difficult for me to make IFSA newsletters a good newsletter if no one wants to contribute articles. I hope that you can send your contributions to me so that the activities of all IFSA members are make more visible to all members and non-members of IFSA. In fact, we have also tried to rebuild the IFSA website (<http://isdlab.ie.ntnu.edu.tw/ntust/ifsa>). Thus, all IFSA newsletters can be found in (<http://isdlab.ie.ntnu.edu.tw/ntust/ifsa/sources/newsletter.html>). Since some of those contents may be obsolete. If you want to update it, please send the updated information to me ([sfsu@mail.ntust.edu.tw](mailto:sfsu@mail.ntust.edu.tw)). Finally, I would like to encourage you to get involved in the activities of the member associations as well.

Thank you

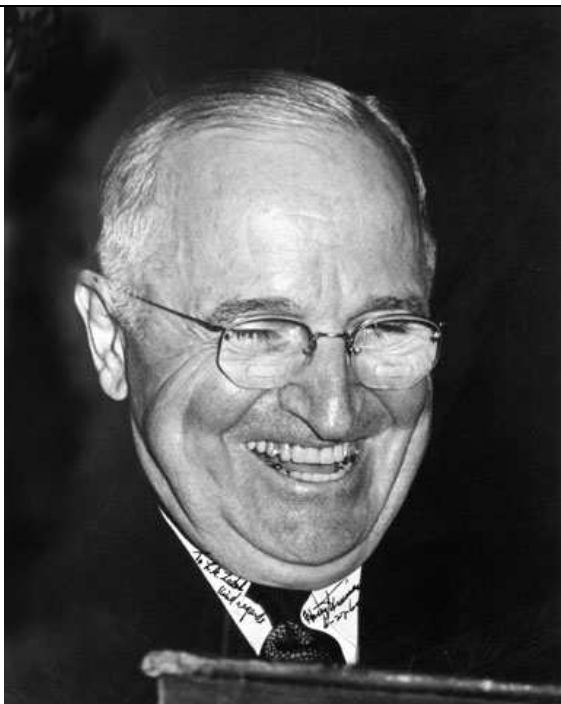
Prof. Shun-Feng Su  
IFSA Vice President

## II. Portraits made by Lotfi Zadeh

by Dr. Ildar Batyrshin

Below are some portraits of known politicians and scientists made by Prof. Zadeh and presented at exhibition in the Men's Faculty Club, Berkeley, June 1-June 30, 2012. The figure captions are based on information from Wikipedia about the persons shown in these portraits. The complete collection of portraits (73) can be downloaded from the BISC Website at <http://www-bisc.cs.berkeley.edu/BISCProgram/Portraits--Work%20of%20Lotfi%20Zadeh.zip>.

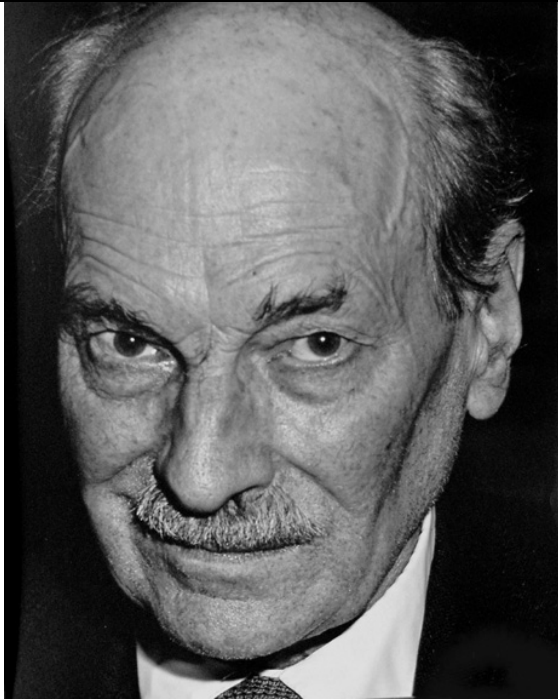
Zadeh wrote about this collection as: "Portrait photography was my hobby. My subjects, in the main, were interesting personalities. Some of the portraits were made at home using medium format cameras and studio equipment. Others were made with 35mm Leica. What you see is a partial collection. More will be added. Portraits were scanned by Michael Kozanevich. Original negatives will be in the custody of Rudi Seising, European Centre for Soft Computing." (in <http://mybisc.blogspot.mx/2010/01/bisc-group-portraits-work-of-lotfi.html>)



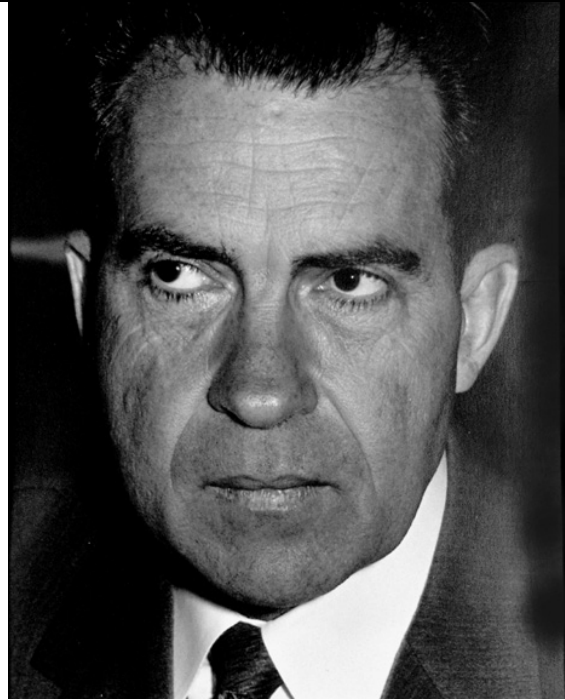
Harry S. Truman (8.05.1884 – 26.12.1972) was the 33rd President of the United States (1945–1953).



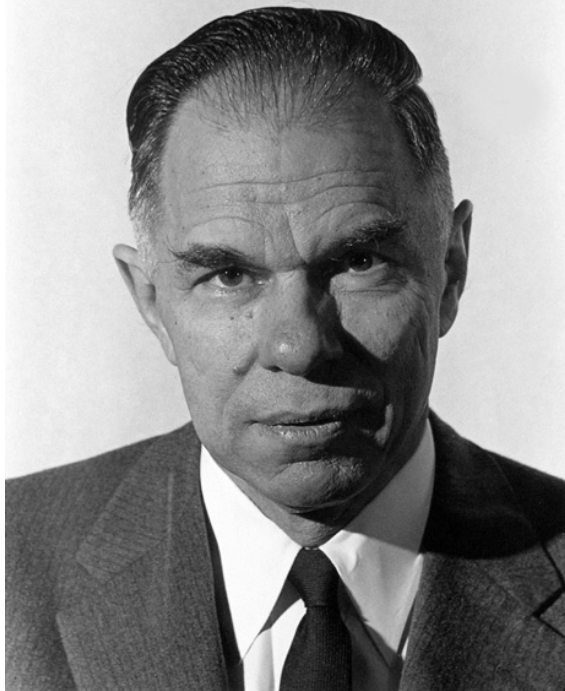
Alexander Kerensky (4.05.1881 – 11.06.1970) was the last Prime Minister of Russia before October Revolution in 1917.



Clement Richard Attlee, (3.01.1883 – 8.10.1967) was the Prime Minister of the United Kingdom from 1945 to 1951.



Richard Milhous Nixon (9.01.1913 – 22.04.1994) was the 37th President of the United States (1969 – 1974).



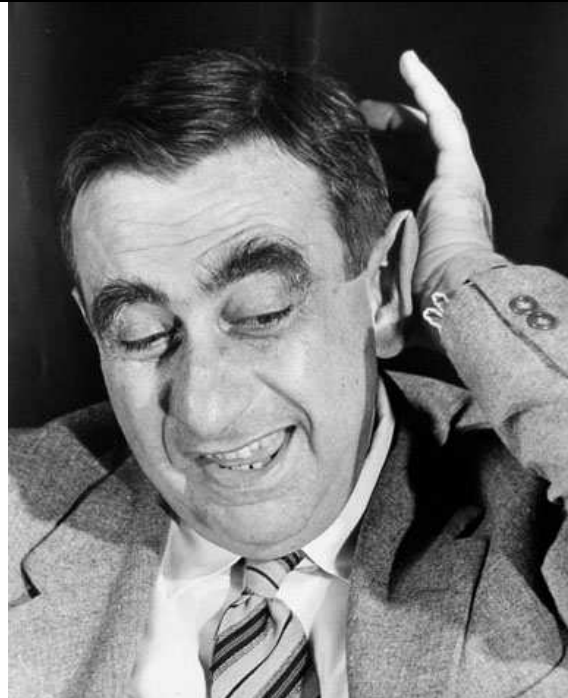
Glenn Theodore Seaborg (19.04.1912 – 25.02.1999), Winner of Nobel Prize (1951) in Chemistry.



Emilio Gino Segrè (1.02.1905 – 22.04.1989), Winner of Nobel Prize (1959) in physics.



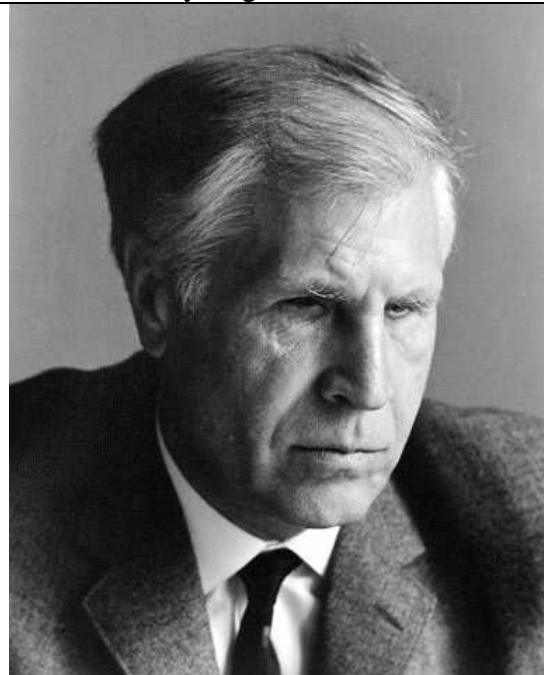
Charles Hard Townes (born July 28, 1915, USA), Winner of Nobel Prize (1964) in physics.



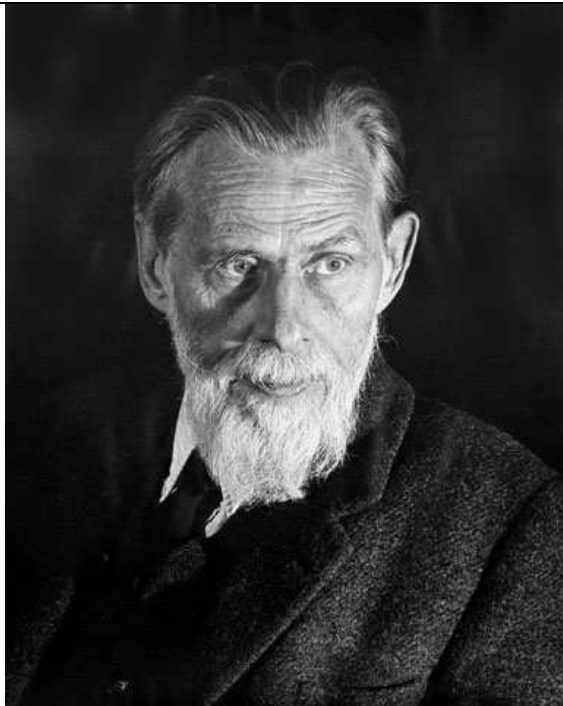
Edward Teller (15.01.1908-09.09.2003), "the father of the hydrogen bomb".



John Ralph Ragazzini (1912 – 22.11.1988), American electrical engineer, professor and coauthor of Lotfi Zadeh



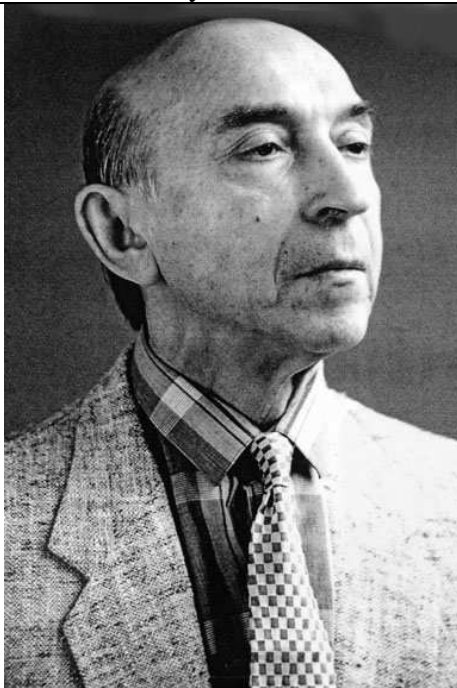
Lev Pontryagin (3.09.1908 – 3.05.1988), the Russian mathematician.



Warren Sturgis McCulloch (16.11.1898 – 24.09.1969), the American neurophysiologist and cyberneticist.



Claude Shannon, (30.04.1916–24.02.2001), “the father of information theory”



Lotfi Zadeh (born 4.02.1921, Baku, Azerbaijan SSR), “the father of fuzzy logic”



Richard Ernest Bellman (26.08.1920 – 19.03.1984), the American applied mathematician.



## IV. Message from IFSA Institutional Members

### Report of the Iranian Coalition on Soft Computing (ICSC)

The Iranian coalition on soft computing was created in 2010 to foster better cooperation among the two Iranian societies on fuzzy systems (ISFS) and intelligent systems (ISSSI). As part of this continuing collaboration, the second soft data-mining workshop was held at Kharazmi University in Tehran on 22-23 of February, 2012. The workshop is a biannual forum which focuses on the theory and applications of soft computing in data-mining. This year, more than 105 graduate students from different universities registered and attended the workshop. Also, thirteen talks were held by various distinguished researchers such as Dr. K. Badie on “Interpreting Text Messages,” Dr. E. Pasha on “Linear and Stationary Time Series,” Dr. M. B. Menhaj on “Nonlinear & Non-stationary Time Series,” Dr. S. Setayeshi on “Cognitive Science in Data Mining,” Dr. B. Minaie on “Ensemble Clustering,” Dr. J. Shanbehzadeh on “Feature Selection,” Dr. M. Sadesgi on “Bioinformatics,” Dr. M. Mirzarezaie on “Protein Interactions Network Modeling,” Dr. B. Najjar Araabi on “Dempster-Shafer Evidence Theory,” Dr. S.-M. Taheri on “Fuzzy Regression: Why and How?,” Dr. M. Teshnehlav on “Neuro-Fuzzy Systems,” Dr. K. Alishahi on “Simultaneous Hypothesis Tests,” and Dr. Mir Mohsen Pedram on “Data Quality Mining.” We appreciate the valuable efforts of Dr. Pedram (Chairman) and Dr. Kelarestaghi (Co-Chair) in holding this successful workshop.



During the closing ceremony, the workshop committee also recognized Prof. M.-R. Akbarzadeh-T., the ex-president of ISSSI, and Prof. R. Borzoie, the current president of ISFS, for their valuable efforts in promoting intelligent and fuzzy systems research in Iran.

The future events of the two societies include: the Twelfth Iranian Conference on Fuzzy Systems to be held by Mazandaran University (Babolsar) from 23-25 of October 2012, the 6th International Conference on Fuzzy Information and Engineering (Co-Sponsored by Fuzzy Information and Engineering Branch of Operations Research Society of China) <http://icfie2012.umz.ac.ir/> from 25-26 October 2012 also by Mazandaran University (Babolsar), the 2012 International eConference on Computer and Knowledge Engineering <http://iccke2012.um.ac.ir/> to be held by Ferdowsi University of Mashhad from 18-19 of October 2012, and the 12<sup>th</sup> Conference on Intelligent Systems to be held by Kharazmi University in Tehran on January of 2013. We would like to invite our IFSA affiliated members to join us in these scientific events.



### Report of ISCI 2012 held by HAFSA

The International Seminar on Computational Intelligence (ISCI 2012) was organized by the Hispanic American Fuzzy Systems Association (HAFSA) and Mexico Chapter of the IEEE Computational Intelligence Society. The event was held in Tijuana, Mexico on May 16, 17, 2012. For the inauguration event on May 16<sup>th</sup>, our Association's president, Prof. Patricia Melin, participated with an inauguration speech for the Seminar. The President of IFSA, Prof. Oscar Castillo, was also present at the event. After the inauguration event, Prof. Janusz Kacprzyk, from the Polish Academy of Sciences was the plenary speaker and gave an interesting lecture on his area of research. Prof. Kacprzyk talked about "Flexible and bipolar database querying and linguistic summarization as tools for discovering security related knowledge, and other inspirations". The attendance for the opening ceremonies and these lectures was about 50 persons, including 25 HAFSA members. The International Conference had 2 invited papers on interesting theoretical and applied themes related to fuzzy logic,

neural networks and genetic algorithms. The invited speakers were Prof. Pilar Gomez-Gil from INAOE-Puebla, and Prof. Oscar Montiel from CITEDI-IPN Mexico. There were also 34 regular paper presentations on the technical program of the conference ([www.hafsamx.org/seminar12](http://www.hafsamx.org/seminar12)). The proceedings will be published as a Springer Book of the Series in “Studies in Computational Intelligence”. A meeting of the members of the chapter was also held on May 16<sup>th</sup>, to discuss the activities already done and to plan future events and activities. The participants did come from several cities of Mexico, like Leon, Ciudad Madero, Ciudad Victoria, Puebla, Ensenada, Mexico City, and Tijuana. The HAFSA’s website is located at ([www.hafsamx.org](http://www.hafsamx.org)).



General view of the attendance at the ISCI 2012 Seminar





Prof. Kacprzyk being introduced by Prof. Melin before his Plenary speech.

## V. Call for Papers of iFUZZY2012

Thanks to technical support from International Fuzzy Systems Association and other two well-known societies, Taiwan Fuzzy Systems Association and National Chung Hsing University, Taichung, Taiwan, work together as co-founders to organize a brand-new 2012 international conference on fuzzy theory and its applications (iFUZZY2012) on 16-18 November, 2012. This three-day conference, hosted by National Chung Hsing University, Taichung, Taiwan, is aimed to provide a very good opportunity for research scientists, investigators, industrial practitioners and government representatives to present their results and to exchange their ideas in all aspects of fuzzy theories, technologies and applications. Currently, iFUZZY2012 program committee is soliciting novel research results on fuzzy theory and its applications and related topics. For details of the conference and topics of interest, please visit the conference website at <http://ifuzzy2012.nchu.edu.tw>. Here we sincerely invite all IFSA members to submit papers to this conference and welcome to visit the so-called beautiful island, Taiwan. For more tour information of Taiwan, please visit the Taiwan Tourism Bureau website: <http://www.tboc.gov.tw>.

Since iFUZZY2012 has also cooperated with the international Journal of Fuzzy Systems (IJFS with SCI IF=1.263) to have a special issue for this conference. The final Q/A

of possible papers for this special issue will be held in the conference. Please encourage your colleagues to submit papers.

## **Contributions for the Next Issue**

If you are interested in contributing information or articles for the next issue of the IFSA newsletter, please send a word file to [sfsu@mail.ntust.edu.tw](mailto:sfsu@mail.ntust.edu.tw). The deadline for contents appearing on the next issue is August, 20, 2012.