

••• Google Celebrates Mihajlo Pupin •••

By Milos Rastovic

In October, the front page of the world searcher *Google* was dedicated to the 157th anniversary of the birthday of Serbian scientist Mihajlo Pupin. In the honor of Pupin's birthday, *Google* symbolically presented a picture of a boy and girl speaking by phone from two different hills.

In the history of science, Pupin was known as a fertile electric inventor who holds 34 patents. His discoveries and devices are widely used in telecommunications technology and sonar-related technology. By placing loading coils of wire at intervals along a transmitting wire, he greatly extended the range of long-distance telephony. Also, he discovered a method of x-ray photography and secondary x-ray radiation.

Mihajlo Idvorsky Pupin was born October 4, 1858 in the village of Idvor, in Banat. In those times, it belonged to the Austro-Hungarian Empire; today it is the northern part of Serbia. In 1874, Pupin emigrated to the United States of America. In his autobiography, he says: "I bless the stars that the immigration laws were different then than they are now."

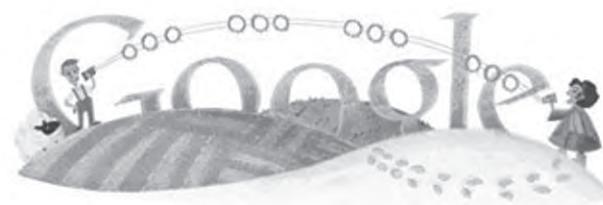
He worked menial jobs in New York City, studied English, and by 1883, he graduated with honors from Columbia College. As a United States citizen, he earned his doctorate in mathematical physics at the University of Berlin in 1889 under Hermann von Helmholtz. He became a lecturer of mathematical physics at the new department of electrical engineering at Columbia College, training many famous electric engineers and physicists such as Gano Dunn, Edwin Armstrong, Irving Langmuir, and Robert Millikan. In 1958, the Pupin Medal for

Service to the Nation was established as the most prestigious prize of the Engineering School.

In 1912, Pupin became an honorary American consul for the Kingdom of Serbia. He published many scientific articles, reviews, and books. His autobiography *From Immigrant to Inventor* won the Pulitzer Prize in 1924. In 1909, he established one of the early Serbian organizations in the United States: "Sloga," which united with others to become the Serb National Federation in 1929. This organization had a mission to help Serbs with immigration and to unite their cultural and ethnic values. He also established the Serbian National Defense Council, and the Kolo Srpskih Sestara, who gather help for the Serbian Red Cross. He formed the "Fund Pijade Aleksic-Pupin" within the Serbian Academy of Sciences and Arts, and the "Mihajlo Pupin Fund" to help Serbian students in their education in Serbia. He donated to his home village, Idvor, for electricity, a water plant and a library.

He received honorable doctorates from 18 universities and medals from the American Institute of Electric Engineers, White Eagle, the Kingdom of Yugoslavia, and many others. He served as a president of the American Institute of Electrical Engineers, the Institute of Radio Engineers, and the New York Academy of Science, and was an active member of the American Philosophical Society, the American Physical Society, and the Serbian Academy of Science, among others.

Mihajlo Pupin died on March 12, 1935 in New York City and is buried in Woodlawn Cemetery in the Bronx. Columbia University honored him posthumously by naming the Physical Laboratories building "Pupin Hall."



Google преграда

Из прве руке

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1 Hall of Fame/Inventor Profile. Michael Pupin. See http://www.invent.org/hall_of_fame/449.html

2 Columbia Encyclopedia. Michael Idvorsky Pupin.

3 See <http://www.columbia.edu/cu/physics/printable/about/main/one/micha...>

4 Mihajlo Pupin. *From Immigrant to Inventor*.

5 Columbia Encyclopedia. Michael Idvorsky Pupin.

6 See http://c250.columbia.edu/c250_celebrates/remarkable_columbians/m...

MEMBERS ONLY •



Lodge #171 member Nenad Radoja took the American Srbobran on a trip to Brazil in September when he visited Arcelor Mittal's steel mill in Tubarao. He took a step out on a suspended bridge to display the paper for this picture. Other shots show him with co-workers Milan Alavanja and David Sena on the same bridge; with Milan Alavanja on the shore, and one of the beaches described as "simply beautiful."



Take a picture or send us one you already have. To submit, email to sandi.radoja@comcast.net or snail mail to Member Photos, Sandi Radoja, 1255 Blue Bell Trail, Schererville, IN 46375.

We also need a description of who is in the photo and who is submitting it. Tell us a little about when or where it was taken.

Photos do not have to be taken at SNF events, but we want photos of SNF members only and we'd like the lodge number of the members, too.

Original photos will only be returned if a self-addressed stamped envelope is included.

Email photos are preferred in JPG format.