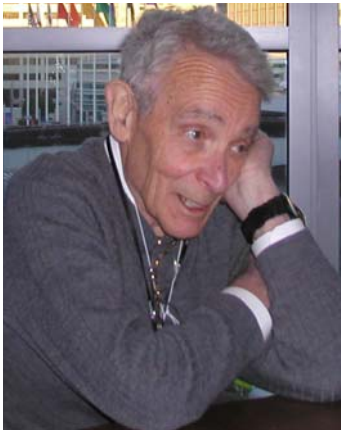


“A scientist is a person who cannot live without studies of nature and society” – V. I. Keilis Borok

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Vladimir I. Keilis-Borok (1921-2013) was one of the most influential mathematical geophysicists of our time. He was engrossed by the idea of earthquake prediction and spent the last few decades of his life to understand nonlinear processes in the Earth's lithosphere leading to earthquakes. He attracted several world's foremost mathematicians (e.g., Israel Gelfand, Andrei Kolmogorov, Leonid Kantorovich, and Yakov Sinai) to geosciences to tackle the most challenging problems in seismology and geophysics, and developed a distinguished group of experts in mathematical geophysics, who have been contributing together with him to the theory of lithosphere dynamics, seismic risk, and predictions of extreme natural and social events. This introductory talk to the session in a memory of Professor Keilis-Borok will highlight his remarkable life from his childhood in the Soviet Union until his last days in LA, California.

Symposium: **Four paradigms in predicting extremes: Legacy of Vladimir I. Keilis-Borok**

Introductory oral presentation