



Attn:
Mr. Maurice Barbieri,
President CLGE

Re: Proposal for nomination of Academic Vladimir Kirilov Hristov for
Global Surveyor of the Year 2022

Dear Mr. President,

As announced on the GA in Barcelona by our representatives Mr. Ivan Andreev and Mr. Angel Yankiev, we would like to formally place the nomination of Academic Vladimir Kirilov Hristov for Global Surveyor of the Year 2022 when will be counted 120 years from his birth.

We will be grateful if the respectful GA decide the celebration in 2022 of the GSY to be under the name of our famous scientist.

Below is a short information for Academic Vladimir Hristov.

Sincerely yours:

Ivan Kaltchev, PhD
President of USLMB

Zlatan Zlatanov, MSc
President CGS



PROPOSAL

for nomination of Academic VLADIMIR KIRILOV HRISTOV
(December 18/5, 1902 - February 28, 1979)

for the Global Surveyor of the Year 2020

On December 5, 2022, the 120th anniversary of the birth of the great Bulgarian scientist Vladimir Kirilov Hristov will be celebrated.

The name of the great Bulgarian scientist Vladimir Kirilov Hristov is related to the development of geodesy in Bulgaria, in particular the advanced geodesy and the international recognition of the Bulgarian geodesic science. He is one of the founders of the Higher Geodesic Education in Bulgaria, a founder and long-time head of the Department of Geodesy at the Geodesy Faculty of the University of Architecture, Civil Engineering and Geodesy (UACEG), Sofia, a founder and long-time director of the Central Laboratory of Geodesy (CLG) at the Bulgarian Academy of Sciences (BAS).

He restores the activity of the Bulgarian National Committee of Geodesy and Geophysics (BNCGG) in 1959 which was interrupted by the Second World War and, as a long-term chairman, activated its activity within the International Association of Geodesy and Geophysics (IAGG). He participated with invited papers at various international forums, as well as organized events in Sofia, focusing mainly on space geodesy and the definition of global and continental geodetic reference systems. Acad. Hristov organizes the publication of Bulgaria's first scientific geodesic magazine "The News of CLG", whose first issue was published in 1958 under his editing. He is the author of a number of scientific papers and books published mainly in abroad, which have been highly appreciated and acknowledged.

Rich intellect, extraordinary scientific erudition, high professional and general culture, boundless diligence and inexhaustible mental energy are the qualities that define the creative path of Acad. Hristov. From him personally, under his guidance or based on his research publications and textbooks, all Bulgarian geodetic reference systems, including BGS 42/83, have been defined and established. He has made a significant contribution to defining the fundamental Global Geodetic Reference System GRS'80, which is the basis for the later defined Global Navigation Satellite Systems (GNSS).

One of the greatest international recognitions, Acad. Hristov received in 1943 with the publication of his book "Die Gauss-Krügerschen Koordinaten auf den Ellipsoid" (The Gauss-Krüger Coordinates on Ellipsoid) in Leipzig. The author summarizes his researches and practical application of Gauss-Krüger coordinates in Bulgaria recorded until then in more than 30 of his publications in the German magazine "Zeitschrift für Vermessungswesen". And as he says for his own work: "Convinced that the future belongs to the Gauss-Krüger coordinates, the author has paid particular attention to their development." In the following years, the book is still undergoing several editions - in Bulgaria, Germany (2 editions) and Russia. For each of these editions, in preface or in scientific criticism, are highly appreciated. Acad. Vladimir Hristov published more than 300 scientific works, the predominant part of which are published abroad – the USSR, the GDR, Czechoslovakia, Poland, Hungary and France. His overall scientific creative work is an imposing monument not made by human hand of a scientist and a lecturer, dedicated unreservedly to science and to people in science.



Today, in today's space technology, Acad. Hristov's belief that "the future belongs to the Gauss-Krüger coordinates" is undoubtedly confirmed. In the well-known navigation satellite system GPS (same in all other GNSS), both for general geodetic practice and for professional or other orientation and navigation, the Gauss-Krüger coordinates is broadly used.

There is no other Bulgarian scientist in the field of geodesy, which has received such a significant worldwide recognition, with which the Bulgarian geodetic community is proud. Acad. Vl. K. Hristov has received the highest degrees and titles and the highest state awards and honours.

About Acad. Vladimir Hristov's Life:

- 1902 - Born in Sofia, Bulgaria on 18/5th December
- 1920 - Graduated the secondary school in Kyustendil, Bulgaria with honors
- 1925 - Graduated from Leipzig Higher Education in Astronomy, Mathematics and Physics. He received a Ph.D. in Philosophy, with a doctorate in astronomy.
- 1925 – 1948 - works in the State Military Geographic Institute at the Ministry of War as Head of the Astronomical Division
- 1948 – 1970 - Regular Professor and Head of Department “Higher Geodesy” of the Higher Technical School (later on renamed to State Polytechnics, Institute of Civil Engineering, Higher Institute of Civil Engineering, Higher Institute of Architecture and Civil Engineering and University of Architecture, Civil Engineering and Geodesy)
- 1948 - 1958 - Elected as a regular member and became an Academician of the Bulgarian Academy of Sciences (BAS); Head of the Section “Geodesy” at the Technical Institute of the BAS
- 1948 - 1974 – Founder and first Director of the Central Laboratory of Geodesy at the BAS
- 1950 - Awarded with “Dimitrov Prize”
- 1959 - Awarded with a medal “Red Banner of Labor”
- 1962 - Awarded with a medal “People’s Republic of Bulgaria” First Degree
- 1965 - Awarded with the honorary title “Honored Distinguished Scientist”
- 1969 - Honorary chairman of the Hungarian academy of Sciences
- 1971 - Awarded with the honorary title “People’s Distinguished Scientist”
- 1972 - Awarded with a medal “Georgi Dimitrov”
- 1959 – 1976 - Chairman of the Bulgarian National Committee of Geodesy and Geophysics
- 1976 – 1979 – Professor at the Institute of Mechanics and Biomechanics at the BAS
- 1979 – Died in Sofia on February 28th