

LIFE AND ACTIVITIES OF DANILO ZULEVIĆ (1937 – 1998)

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SUMMARY: The life and scientific and professional activities of Danilo Zulević (1937 – 1998), research fellow of the Belgrade Astronomical Observatory, are presented, followed by the Bibliography of his works, the list of bibliographical items wherein his name is mentioned and the list of his name's citations in the Science Citation Index.

Danilo J. Zulević was born on August 29, 1937 in Ivangrad (Montenegro), where he received his elementary and secondary education. His father Jovan was a worker and his mother Živka Čorović a housewife. After finishing the real gymnasium in 1959, he studied Astronomy at the Faculty of Sciences of the Belgrade University from 1959 to 1963.

While still a third year student he started working at the Astronomical Observatory on October 1st, 1961, in the Double Star Group. The contract on the part-time service (No. 1068, September 26, 1961) reads: The Astronomical Observatory, the official work place being vacant, admits Zulević Danilo, high school graduate from Belgrade, as a part-time clerk for six months from I.X. 1961 to 31.III. 1962. Zulević takes upon himself the obligation, during the contract term, to perform calculations in the Double Star Group. On April 1st, 1962, Zulević enters upon full time service as a technical assistant. On July 1st, 1962 he began taking part in the double stars observations as an assistant observer. On examining the quality of his observing data the Observatory Council, on the proposal of the Group's Chief, elected him independent observer on July 15, 1963. The same Council elected Zulević a professional col-

laborator on September 7, 1963. Immediately thereupon Zulević received the summons for military service, so his working engagement was thereby discontinued in September 1963. After returning from the military service he is again at the Observatory since November 1st, 1964 as a professional collaborator. On December 9, 1965 he was elected assistant, but he assumed that rank on January 1st, 1965. He was absent from his work place from 4. to 11. September 1965 by reason of his marriage. He was re-elected assistant on November 2, 1968, entering officially on the post on January 1st, 1969. From November 1st, 1969 he was on a specialis training at the Pulkovo Observatory, involving photography, reducing of the photo-plates and other problems relating to the double stars. After his one year stay at Pulkovo he resumed his work at the Observatory on November 2, 1970. On December 18, 1974, he defended his master's thesis at the Faculty of Sciences of the Belgrade University, entitled "A Contribution to the Statistical Investigation of the Effect of the Components' mass-ratio on the Dynamical Orbits Elements (P, a) of Visual Double Stars". On June 27, 1985 he was elected researcher-collaborator, being re-elected for this function in 1990.

The Bibliography of Zulević's works, presented here, contains 82 items, published in the period 1965 – 2000. In the Science Citation Index there appeared up to 2000, 34 citations relating to 24 Zulević's papers. The field of his researchings was Stellar Astronomy, his particular interest being centered on double and multiple stars. From July 1st, 1962, when he started observing up to his retirement in 1998, he made observations with the Zeiss refractor 65/1065 cm using filar micrometer. In the Bull. Obs. Astron. Belgrade, 17 series of his measurements of double and multiple stars, containing 4069 single measurements, have been published. In addition, while staying at Pulkovo, he carried out a number of series of photographic double stars observations.

In 1963 he started a systematic work on deriving the orbital elements of double stars, using Thiele-Innes–van den Bos method. In the IAU Commission 26 "Information Circular" he published 58 systems of the orbital elements for 53 binaries. These orbital elements, with corresponding discussion and

analysis, have also been published in Bull. Obs. Astron. Belgrade, 6 orbital elements in them having not been published in the "IAU Information Circular".

In the course of observations, in 1984 he discovered a new double star system with coordinates $\alpha, \delta(1900)$ 19029N3346 (BD +33 3323 – 1.16 arc sec), which obtained the designation DZ1.

For a time he discharged the duty of Deputy Director of the Belgrade Observatory. By the decision 92/17 of January 27, 1982, he was assigned the post of Deputy Director since January 20, 1982. By the decision 599/2 of July 11, 1982 he was designated to the post of Deputy Director from July 13, until the election procedure and the final nomination of the Director has been concluded. He was temporary Editor-in-Chief of the Bulletin Astronomique de Belgrade (Nos. 132 and 133 in 1982 – 1983).

He died suddenly on July 14, 1998, barely two weeks since he retired.



Управи Астрономске обсерваторије
у Београду

Молим управу Астрономске
обсерваторије да ме поштом за техничку
арађиња – калкулатора, на Астрономској
обсерваторији у Београду.

У Беогу Данко Калкура о.р.

14 марта 1962 год, подноси ову
молбу у нади да ћете ме поштом
за штатом олује Релика на Астрономској
обсерваторији у Београду

Рођен сам 29-11-1937 у Манаграду
Н. Р. С. Ј.

Од школних квалификација имам
завршену осам разреду Вишегаче Гимназије,
са великим успехом и дипломама, и положени сви
испитивања по путу године на Техничко-математичку
факултетну – дружа астрономија.

Молим да.

Зулевић Ј. Д. лично

15-11-1962
Београд
НАРОДНА РЕПУБЛИКА СРБИЈА
АСТРОНОМСКА ОБСЕРВАТОРИЈА
Бр. 323
81-11-1962 год.
БЕОГРАД

Fig. 1. Application of Danilo Zulević for the post on Belgrade Astronomical Observatory.

Лична биографија

Рођен сам 29-августа 1937 год. у Ивањград, СР
Црна Гора, у малом привредном центру на рибарској реци.
Основну школу и Гимназију завршава у овом
родном месту.

Једно време сам покушао средњу музичку школу -
у савојини аповремено вријеме.

Како сам се у љетском завршено Реалну гимназију
од којих у Београду где се и живим, са стипендијом
редовног студента, на Природно-математичком
факултету на Групи Астрономије.

За време прве две године студира иписао сам
стипендију од факултета.

На факултету сам иписао аписао сам ССЈ.
На првој години студира учествовао да се запошља
на Астрономској Обсерваторији са званом
инженерског сарадника.

Велики календар сам урадио за време студира, само ја
и редовно и на време завршено студира.

Стипендија сам на њеном Београду а радио сам
на Астрономској Обсерваторији на звезде и интеру
штога сам редовно поседао студира.

Нам интеру свих календара студира редовно и
са њима завршавао.

После завршавања студира Савет Астрономске
Обсерваторије иписао ме за интеру сарадника
Обсерваторије.

Од мене по иписао сам за интеру сарадника
добила позив за одласак у ЈНА на одслужбу
војног рока.

Војну обавио сам редувано.

После редувања војне обавио доблао се
са позивом на конкурс који је расписао
Савет Астрономске Обсерваторије.

dip. astronom

Daniilo J. Zulević
(M.P.)

Fig. 2. Personal Biography of Danilo Zulević.

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**ЖИВОТ И НАУЧНА АКТИВНОСТ ДАНИЛА ЗУЛЕВИЋА
(1937 – 1998)**

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Стручни рад

У раду су приказани живот и научна активност Данила Зулевића (1937 – 1998), сарадника Астрономске опсерваторије у Београду. Такође су дати библиографија његових

радова, листа референци у којима се он помиње и листа његових цитата у Science Citation Index – у.