

In memoriam Pavao Senjanović



Pavao (Paul) Senjanović was born in Zagreb on August 18, 1946. He attended elementary and high school in Split and Zagreb. In 1965 he enrolled in the Physics Department of the University of Belgrade, and graduated in 1969 as the best in his class. Already in that period he developed deeper interest in Particle Physics and Quantum Field Theory. After obtaining his B.S. he became a research assistant at the Boris Kidrič Institute (BKI) in Belgrade, and after a year he entered the Graduate School at the City College of New York (CCNY). In 1975 he completed his Ph.D. Thesis under the supervision of Prof. B. Sakita. His main research result of that period was the completion of the Fadeev-Popov quantization procedure for the systems with constraints.

From CCNY he moved as a post-doc to the University of California at Berkeley (2 years) and thus started an active international activity. After returning to BKI he spent a year at the Oxford University, and nine months at the Imperial College, London. In 1980 he joined the Rudjer Bošković Institute, Zagreb, as an associate professor, where he stayed until his untimely death on August 3, 1985.

He had a successful research activity in the subject of QFT, contributing significantly to various outstanding problems. Although Pavao Senjanovic was a scientist in the first place, he was a relaxed and friendly person. He was always open to discussion and collaboration. Wherever he stayed he contributed greatly to stimulating both research and social atmosphere.

Paul was exceptional in every possible respect. He had a unique talent for physics, which was quickly recognized by anyone

who came in contact with him. He could tackle even the most intricate of analytical arguments and understand quicker than anyone the crux of any work. His knowledge covered almost all branches of physics, it extended also to the other sciences, art and simply all aspects of human activity.

As a person Paul was even more exceptional. He was characterized by total unselfishness and an unbounded belief in people. At any time he was ready to help and concentrate on the problems of others. He was always interested in physics and eager to follow things till the end. All this was manifested in all the joint papers and equally large number of works to which he contributed significantly. His personality was most visible in his dealing with younger people and younger colleagues. Paul spread encouragement from the very first moment, this attitude started many on a right and prosperous track. He was enthusiastic about anyone and everything. He is by himself responsible for the impressive number of graduate students and completed Ph.D. degrees abroad. With this his impact on the present and future of Yugoslav theoretical physics is unmeasurable. Hardly anyone has done nearly as much as he has. He should be remembered for this most exceptional activity.

We who knew him will remember his enthusiasm, his laugh, his attitude and his comments. We will remember his views, his beliefs and his trust. With all this he will always be present among us. His family and all of his friends will miss him deeply.

Organizing Committee
and friends

List of publications

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19. M. Blagojević, S. Meljanac, I. Picek, P. Senjanović: Radiation effects in monopole pair creation, *Phys. Lett.* 106B (1981) 408-410.
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