

IN MEMORIAM

Prof.eng. Ph.D Cornel HIRIAN



On 30th July 2015, after a long suffering, professor Ph.D Cornel HIRIAN has said his last farewell to all of us.

He was born on 23rd May 1932 in Lunca-Turda, in a large family, he was the youngest child and he came to find a better life in Valea Jiului (Petroșani). He studies the primary, middle and high school in Petroșani, and he becomes student of the București Mining Institute, and he graduates the Mining Faculty, specialization Mining Exploitations in 1957 in Petroșani, after all the mining institutes in Romania get united into a single one.

Since 1958 he dedicated his entire activity to the mining high education, passing through all the didactic grades from assistant (1958-1963), lecturer (1963-1976), associate professor (1976-1990), professor (1990-2002), consultant professor (2002-2004), and since 2004 until his death he was an active researcher within the University of Petroșani.

He got his Ph.D in mining engineering with the thesis *Study of the support pressure and sizing for the vertical mining works in Valea Jiului* in 1974, while since 1990 he became a Ph.D coordinator for the domain Mining, Oil and Gas.

He contributed to the training of 46 promotions of mining engineers, but he had also higher roles, such as: Head of Underground Mining Exploitations Department (1994-1995), Vice-Dean (1977-1980), Dean of the Mining Faculty (1980-1984), Director of the Rock Engineering Research Center from the University of Petroșani (2001-2004).

He followed specializations and trainings at the Academy of Mining and Metallurgy Cracovia – Poland (1963), Freiberg Mining Academy – Germany (1968), Mining Institutes in Moscow and Sankt Petersburg – Russia (1971).

He taught the courses: Mining works digging and support, Mining basics and rock mechanics, Rock mechanics.

The name of the engineer, professor and researcher Cornel Hirian is connected to the entire domain of rock engineering. He developed an extensive, creative and rigorous activity which he transmitted to his collaborators.

The main research directions of professor Cornel Hirian were *mining engineering, rock mechanics and underground mining works* being author / co-author of 13 books, 58 articles published in Romania, 17 articles published abroad, PNCDI collaborator in six projects, collaborator in two Inventions, scientific reviewer of five specialized manuals, reviewer of three specialized thesis, coordinator of 105 research contracts and collaborator in 10 research contracts with helpful topics for economic units.

He was member in the International Committee of Rock Mechanics, president of the Approval Commissions for Research Works from ICITPML-Craiova and from Salt and Non-metals Central – Cluj, member of the Approval Commission for Research works from SC ICPM SA – Petroșani and Salt and Non-metals Central – București.

I met professor Hirian from multiple points of view. The first time, he was a young teacher while I was a young student, being part of the promotion when professor Hirian taught the first time the course *Rock Mechanics*. This took place 52 years ago.

8 years later, we went to a specialization abroad together, where we started a friendship relation, while keeping the student – teacher relation.

There were also some subordination relations (dean – teacher), but it never felt too pushy because of his behavior, impeccable morals, equilibrium while he led the Faculty of Mining.

In the past 20-25 years we researched together, we wrote books and shared most of our joys and troubles we lived.

The professor, as we called and always will, contributed to our growth, he promoted and guided us with kind without demanding any rewards.

We who went through a part of our lives together with him will always keep in mind most of the moments shared together.

He gave a sentiment of dignity, professional dedication, morals, love and respect for the job to the students and graduates, as a holy responsibility of the education. All his past students, current mining engineers, have appreciated professor Hirian and remember him with distinguished respect.

Professor Cornel Hirian was a great acknowledged scientific personality, being respected and esteemed for his professional honesty, for his human and moral qualities which he developed in his entire life, being one of the great teachers of our mining school, and we are proud of being his friends.

Active also after his retirement, until his latest days of his life, the separation from professor Cornel Hirian is a heavy loss for the entire academic community of Petroșani and especially for his closest friends.

May God rest him in peace !

Prof.eng. Ph.D Mircea Georgescu
University of Petroșani

*We wish you all the success and happiness
this season can bring and may it follow you
throughout the coming New Year 2016!*



Editorial Team