



80 years of Professor RADOŠ ŘEZNÍČEK

Professor RADOŠ ŘEZNÍČEK was born on July 12th, 1928 in Prague. His professional life was devoted to the applied physics. He started with physics as a student of the Czech Technical University in Prague under the guidance of Professor Zdeněk Horák, an expert in applied physics and known at that time by many editions of the physical compendium Technical Physics. After finishing the study and following short professional stays in the construction offices of the known Bohemian companies ŠKODA and AERO, the young mechanical engineer RADOŠ ŘEZNÍČEK entered the Department of Physics of the University of Agriculture in Prague where he stayed up to his retirement in 1994.

His scientific interests were very broad but two topics were of the primary interest for him: fluid flows and physical properties of agricultural materials.

The book Flow Visualization (1972) became the textbook of new scientific branch having many applications both in different sciences and in industry and agriculture. He was at the beginning of the International Symposium of Flow Visualization. As a member of the international board of the symposium he played an important role in the organization and organizing the meetings of the scientists working in this field. Up to now, he keeps the position of the editor of the Journal of Fluid Visualization and Image Processing.

In 1960's, Professor ŘEZNÍČEK found inspiration in an extensive application of physics in agricultural engineering in the USA. He accepted the ideas of Nuri N. Mohsenin and applied them to Czechoslovak agriculture. He found another scientists in eastern countries (Poland, Slovakia, Eastern Germany, Hungary, Yugoslavia, Bulgaria, Russia, etc.) with whom to form a large platform of interests that is sometimes termed as Agrophysics. In 1970's and 1980's, a big body was formed of people who were interested in the physical properties of the agricultural materials and who participated in special conferences attended not only by Eastern Europeans, but also by professionals from the whole world, including the USA.

In spite of having his head full of science and of the international relations, Professor ŘEZNÍČEK never forgot the university home needs. Being a good teacher and giving excellent lectures, he spent a lot of time with his students and with the preparations of his lectures. Frequently, I felt the admiration given by his previous students to his personality. Moreover, I myself am one of his previous students, too.

Finally, I would like to thank all the authors of this special RAE issue for their good-will to participate in this project remembering the cooperation lasting for tens of years.

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