46TH ANNUAL MEETING OF THE EUROPEAN ASSOCIATION FOR ANIMAL PRODUCTION (EAAP)

will be held from 4th to 7th September 1995 in Prague under the auspices of the Ministry of Agriculture of the Czech Republic and the Research Institute of Animal Production in Prague in cooperation with the Czech University of Agriculture Prague and under the kind patronage of Ing. Josef Lux, Deputy Prime Minister and Minister of Agriculture of the Czech Republic

Honorary Committee:
Dr. Jan Koukal, Mayor of Prague
Prof. Ing. Jan Hron, DrSc., Rector of the Czech University of Agriculture Prague
Ing. Stanislav Labounek, Chairman of the Board of Directors, Agrobanka Praha
Prof. MVDr. Karel Hruška, DrSc., President of the Czech Academy of Agricultural Sciences
Mr. Jiří Netík, President of the Agrarian Chamber of the Czech Republic
Ing. Jiří Ekl, President of the Breeders Union

Organizing Committee:
Ing. František Urban, DrSc., Chairman
Prof. Ing. Jan Váchal, DrSc., Coordinator

Study Commissions:
Genetics
Animal Nutrition
Animal Management and Health
Cattle Production
Sheep and Goat Production
Pig Production
Horse Production

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Technical Faculty of the Czech University of Agriculture Prague

The Technical Faculty (former Mechanization Faculty) was established in newly founded University of Agriculture in Prague in 1952. About 6,000 students graduated from the University in day-time and part-time studies who are well asserted in technical posts in agriculture and in many other related branches.

Doc. Ing. Slavomír Procházka, CSc., Dean of the Technical Faculty

An original target of the Faculty was to prepare graduates – mechanizer for agricultural primary production for our newly-arising agricultural co-operatives, machine and tractor stations and centres of heavy mechanization. For this agricultural primary production students were reared until the 1980s. The year 1990 only was a break when study programs began to be more flexible and the specialized profile of a student changes as well. The Faculty is orientated on education of engineer of mechanical and technical specialization to be prepared for operational and designing activities of technical equipment in enterprises dealing not only with production but also with processing of agricultural products and food production. The studies are extended by the subject of operation and economy of civil transport and waste management.

A graduate from the Faculty may achieve certificate of authorized engineer for designing of internal technological equipment in agricultural and forestry production, food industry, transport and storage. He/she is also equipped for independent business activities.

The Technical Faculty consists of 10 departments, central developmental workshops, computer laboratory and service for repairs of computers and computer networks. Orientation of specialized departments by profession gradually changes in dependence on developing study subjects of the Faculty.

An original study subject **Mechanization of agriculture** which persisted with some alternations practically 50 years was changed in 1991 to operation of machinery with five specializations:

- designing and management of machine operation
- service and restoration of machine and production equipment
- automation and control engineering
- development and testing of machines
- road and off-the-road transportation.

The development of the countryside and interest of candidates for the studies has orientated the Faculty on opening other subjects:

a) Road and urban automobile transportation – in 1993
b) Technology and engineering of waste treatment – in 1994
c) Technological equipment of buildings – in 1995
d) Trade with technique (three-year bachelor studies) – in 1994.

Study programmes comprise about 200 subjects which are: compulsory, optional and recommended. Other faculties of the Czech University of Agriculture participate within the teaching activities. Present study subjects have a common two-year theoretical background. The significant difference of subject structure can be seen from the third year of study. Profiles of different subjects are distinctly restricted, particularly new ones what corresponds to their specialization.

A marked attention has been devoted to the subject **Technology and technique of waste treatment** aimed to prepare students for operational and designing activities of technical equipment in enterprises dealing with waste recovery. The studies are based on fundamental aims of waste, i.e. development of such new technologies to prevent giving rise to wastes, and if there are some, to utilize them as secondary materials, biogenic wastes and sources of energy. Students get acquainted in detail with machine lines of waste treatment to be able to control independently operation of technical equipment of waste treatment and to have prerequisites for designing and materialization activities of engineers taking an active part in building.

The subject **Technological equipment of buildings** much expands opportunities of graduates for practice, as the above subject is considered as a required education for purposes of authorization in terms of the law for activity in construction. Graduates, after some time in practice, will have prerequisites and knowledge for designing and materialization activities of engineers being active in construction with orientation on:

- agricultural and forestry production
- food industry
- transportation and storage.

The study subject **Trade with technique** is a three-year bachelor studies aimed at preparing expert with university education – bachelor for independent practice in the field of sale of machinery for agriculture and processing industry, including consultancy in buying machines and equipment. General economic education and required elementary knowledge from the technique make possible to the student to orientate in marketing with any technical article.

Doctor's studies are intended for graduates of master studies and is orientated on education of scientific specialists. The solution of scientific and technical targets of the Faculty is associated with these studies. There are several approved subjects. Nowadays, the Faculty has about 20 candidates for doctor's degree.

Besides the field of doctor's studies the Faculty solves tasks of the Grant Agency of the Czech Republic and the Fund of Development of Universities of the Ministry of Education, Youth and Physical Training of the Czech Republic in mathematics and technical study programs.

From 1991 the Faculty participates in solution of the project TEMPUS JEP 3862 coordinated by the Wolverhampton University in Great Britain. The project solves the problems of relationship: agriculture-environment. In 1995 the coordination centre EUCO-COST in Brussels approved the proposal for co-operation in solving the project COST 319 regarding determination of load on environment by exhalation.

The staff of the Faculty closely co-operates with managing and legislative authorities of ministries, Agrarian Chamber and concrete enterprises on the base of economic treaties and consultancy.

Doc. Ing. Slavomír Procházka, CSc.
Dean of the Technical Faculty