

# IN MEMORIAM

## Professor Dr.Ing. Mahmud (Masha) Dikic



On the day of 27th April 2010 it stopped beating heart of a great teacher and man of Mahmud Dikic.

Prof. dr. Mahmut Dikic was born on 8th April 1943 in Mostar. From 1945 to 1993 he lived in Sarajevo where he finished elementary and secondary technical school. He graduated at Mechanical Engineering Faculty in Sarajevo at 1967 with an average grade of 9.18. At the Faculty of Natural Science and Mathematics (Department for Mathematics) he passed all the exams in 1968 with an average grade of 9,0.

Postgraduate studies, division „Automation in the metal industry“ he finished on 1974 at the Faculty of Mechanical Engineering and Naval Architecture in Zagreb with the highest average grade – excellent 5.0. He obtained Ph.D. in 1989 at the same Faculty.

Professor Đikić begins rich educational-pedagogical activities for more time at the Faculty of Mechanical Engineering in Sarajevo. He started work in 1963 as demonstrator on the subject „Mathematics“, while in later years was a demonstrator in the other subjects.

During the 1968 he started work at the Mechanical Engineering Faculty in Sarajevo in the title of assistant to professor.

After successfully finishing of habilitation thesis he had obtained the title of Assistant professor for the subject “Automation of production” at the Faculty of Mechanical Engineering in Sarajevo.

He was a great teacher, whose students have the knowledge acquired with joy.

He gave lectures with great enthusiasm; he was the persistent in explaining and selfless in the presentation. His lectures were based on more practical cases that gave lectures grater importance. He walked in step with the times and ahead of time. Science with Professor was not the hob; it was the part of student's lives. Professor Dikic was an incentive to all its students to learn and explore, to seek more and better.

It should point out his proper, reformist attitude towards students. It was not only the professor, but also support and the friend in the all situations and at the same time propagator of ideas of modern methods of automation among students. The great interest of students of Mechanical Engineering Faculty in Sarajevo for this area of modern science is the most merit of Professor Dikic.

He knew to recognize the real thing. He published the paper at the first Symposium of the Danube Countries in Vienna in the field of Automation of production in 1989. It was a great start of the

annual international symposium DAAAM. All 20 years of holding this symposium he was member of the Scientific Committee and one of the reviewers.

On 27th May 1992 he was wounded in the massacre on the Ferhadija street in Sarajevo that caused the shells fired from the aggressor's position. On that occasion he lost both legs to knee. At the end of the year, on the recommendation of doctors, he leaved Sarajevo for the purpose of rehabilitation. Firstly, he medicated in Zagreb, and then, on the call the Medical University of South Carolina (USA), he continued treatment in USA. As the time of war he could not return to the besieged Sarajevo, he accepted an invitation from the University of Waterloo, where he worked two years as a visiting professor.

At that time he prepared a project for scientific research work on "4D underknee bearing prosthesis"; that professor's counsel at the University of Waterloo highly assessed and offered support for the project and the position of Research Associate Professor.

In 1996 he start work as the main designer at respectable company ATS - Automating Tooling Systems, Canada. All projects automated systems had to go through his control before it is released in the machinery of production. In parallel with these, he was developing software for the design cycle of automatic machines that are applicable to all ATS locations.

However, the desire to live in Sarajevo, and Bosnia have prevailed, and despite the very severe health professor Dikic, he returned to Sarajevo and its Faculty of Mechanical Engineering in 2007.

Unfortunately, the disease was stronger. His associates and friends will remember him for breadth, tolerance and positive energy.

(Written by Professor Dr Malik Kulenovic)