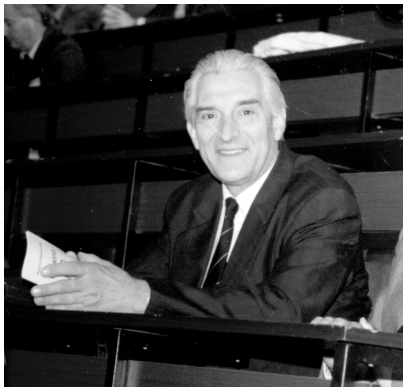


Traces made by Professor Marin-i} in Ni{

Vera Markovi}, Bratislav Milovanovi}

The connections between Professor ALEKSANDAR MARINČIĆ, full member of the Serbian Academy of Sciences and Arts, and the people at the Faculty of Electrical Engineering in Nis are much more than just usual teaching and scientific collaboration. Those connections have lasted for decades, originating from the far 60's.



Professor Marin-i}, always welcome in Ni{

Professor Marin-i} started teaching in Ni{ in 1964. In that time in Ni{ there was only a Department for Electronics of the University of Belgrade. After the University of Ni{ had been founded in 1965, one department of the Faculty of Engineering was intended for education of the electronic engineers. Three years later, this department was incorporated as a degree-granting institution - Faculty of Electronic Engineering.

Although the new Faculty of Electronic Engineering started with a great enthusiasm and was supported by, at that time, very expansive Electronic Industry in Ni{, many problems still existed.

First of all there was a problem with missing teaching staff. In those early years after establishing of the faculty, any help from the teachers from other universities was more than welcome. And Professor Marin-i} provided much help. Not only did he perform the current teaching process, but he also educated a new generation of teachers who could be able to support the development of the Faculty.

Vera Markovi} is with the Faculty of Electronic Engineering, Beogradska 14, 18000 Ni{, Serbia & Montenegro, e-mail: vera@elfak.ni.ac.yu

Bratislav Milovanovi} is with the Faculty of Electronic Engineering, Beogradska 14, 18000 Ni{, Serbia & Montenegro, e-mail: bata@elfak.ni.ac.yu

Professor Marin-i} taught in the 60's several courses at the undergraduate level: *Electrical Measurements I and II* and *Special Measurements in Telecommunications and Electronics*.

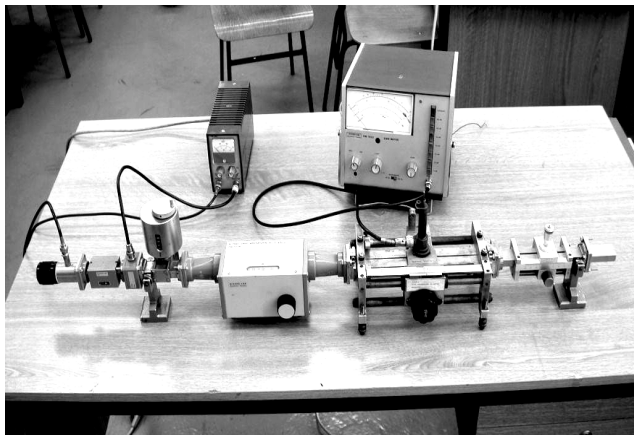
In 1971 Professor Marin-i} was elected as an Associate Professor at the Faculty of Electronic Engineering in Ni{. During the period from 1971 to 1973, he was a Vice-dean of the faculty and a member of the Council of Faculty of Electronic Engineering and the Council of the University of Ni{. From 1973 he was the Chief of the Telecommunication Department at the Faculty.

In the 70', at the Faculty of Electronic Engineering in Nis, Professor Marincic taught following courses at the undergraduate level: *Microwave Techniques, Fundamentals of Telecommunications* and *Theory of Telecommunications*. Possessing an excellent disposition for experimental work, he helped very much to form and develop the laboratory for microwave technique. For starters he brought several microwave components and instruments, and on the basis of that, some measurement set-ups for laboratory work were formed. One of them was the first B.Sc. diploma work in the field of microwave technique at the Faculty of Electronic Engineering in Ni{. It was done under Prof. Marin-i}'s supervision by Bratislav Milovanovi}, today the chief of Laboratory for microwave technique and satellite television and a head of the microwave research group at the Faculty of Electronic Engineering. This was a two-wire measurement line, which photo is given below. It is interesting that this measurement set-up is still being used for the students' laboratory work.

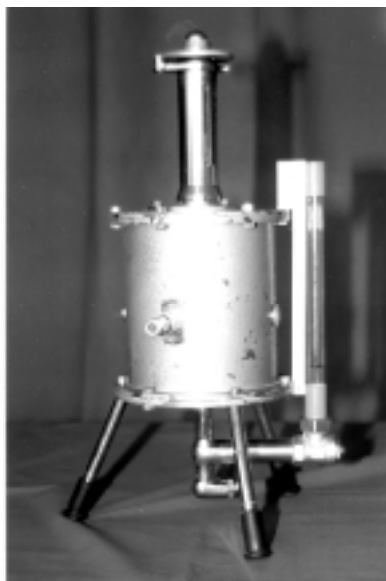


Two-wire measurement line

In addition, the photos of a waveguide measurement line as well as of a cylindrical resonant cavity, which were provided at that time by Prof. Marin-i}, are shown here.



Waveguide measurement line



Cylindrical resonant cavity

In addition to the undergraduate studies, he taught some advanced courses on telecommunications for many years, for instance *Microwave communications* to postgraduate students.

At the Faculty of Electronic Engineering, Professor Marin-i} particularly contributed to the development of two departments: Telecommunications and Theoretical Electrotechnics. The list of Ph.D. and M.Sc. thesis supervisions/evaluations is long. Most of those candidates are now professors or assistants at the Faculty of Electronic Engineering.

He supervised the Ph.D. thesis of Dr Miroljub Mladenovi}, former head of the microwave group at the Research Institute of Electronic Industry in Ni{.

In 1973 he was a member of the committees for evaluating the Ph.D. thesis of Dr Aleksandar Vorgu-i}, Professor Emeritus of the Faculty of Electronic Engineering (1973), Prof. Dragutin Veli-kovic, today the chief of the Department for the Theoretical Electrotechnics at the same faculty (1973), and Prof. Slobodan Lazovi} from the Faculty of the Transportation in Belgrade (1973).



Professor Marin-i} gives a lecture

He evaluated many Ph.D. theses in the years that followed: Prof. Dragutin Miti} (1980), Prof. Zorica Panti}-Tanner (1982), Prof. Vera Markovi} (1992), Dr Radojko Simeunovi} (1993), Dr \or{e Milo{evi} (1996), Dr Vladan Stankovi} (1999), Dr Sladjana Ivkovi} (1999), Dr Zlatoljub Milosavljevi} (1999), Dr Nata{a Trivunac-Vukovi} (2001) and Dr Neboj{a Don-ov (2002).



Moments of relaxation after Z. Milosavljevi}'s thesis viva

Professor Marin-i} was a supervisor of the M.Sc. theses of Professor Bratislav Milovanovi} (1975) and Professor Mihailo Stefanovi} (1976). Also, he evaluated M.Sc. theses of Branislav \uri} (1977), Dr ^edomir @ivaljevi} (1980), Dr Vladan Stankovi} (1992), Jovica Bogdanovi} (1992), Dr Sladjana Ivkovi} (1993), Dr Ana Vukovi} (1996), Dr Nata{a

Trivunac-Vukovi} (1996), Branko Narand`i} (1996), Dr Zlatoljub Milosavljevi}, (1997), Dr Olivera Proni} (1998), Dr Neboj{a Don-ov (1999), Neboj{a Vasi} (2003), etc.

Professor Marin-i}'s scientific and research work in Ni{ has included microwave technique, field theory, optical communications and other fields. Special contribution has been achieved in the field of the theoretical and experimental analysis of cylindrical and rectangular resonant cavities. A Ph.D. thesis supervised by him was focused on this problem. The further research, related to the analysis of resonant cavities by using some new approaches (transverse resonance method, TLM method, etc), has been performed under the supervision of Prof. Bratislav Milovanovi}, resulting in several Ph.D. and M.Sc. theses.

The other field of joint research that should be emphasised was related to the analysis and modelling of microwave antennas and some other microwave components.



*With Prof. Tatsuo Itoh,
Prof. Bratislav Milovanovi} and Prof. Ke Wu
at TELSIKS2001 conference*

Professor Marin-i} was a head/participant of several projects realized at the Faculty of Electronic Engineering in Ni{. From 1973 to 1976 he participated in an European Community research project, COST 25/2, together with co-workers from the Faculty of Electronic Engineering in Ni{ and from the Faculty of Electrical Engineering in Belgrade. He also headed a big joint project named: "Electromagnetics,

Microwave Technique and Optical Communications", which was supported by the Ministry of the Science and Technology for many years.

For here mentioned and many other merits, Professor Marin-i} was awarded with a "Charter for outstanding contribution to the development of Electronic Faculty of Niš" in 1995.

Finally, it should be noted that Professor Marin-i} has been a member of the Technical Program Committee of the TELSIKS conference since its beginning and that many times he contributed to the successful organizing of this international event. For example, at the TELSIKS 2001 he organized a special session and exhibition devoted to the Tesla's work.

Professor Marin-i} spent many hours teaching and doing research in Ni{ and the results of this work are really impressive. However, we also have a need to lighten the other dimension of the collaboration with Professor Marin-i}.

Everyone who had a pleasure of cooperating with Professor Marin-i} can agree about his really friendly and outgoing personality. He is a man who unselfishly transfers his wide knowledge to his students and co-workers. He possesses a scientific curiosity which can be seen at the comprehensive discussions about some research problem. As an examiner at a thesis viva Prof. Marin-i} usually asks a lot, but his questions are never, really never malicious.

It is easy to observe knowledge much wider then his professional field. It is wonderful to know a man who, right after a discussion about the analysis of microwave components, can speak poetry equally well. He is a man who, during a Ph.D. viva focused on the Green's functions, tells a funny story about the scientist Green who was a miller too. He's got an aura around him and is always full of positive energy and optimism.

The traces made by Professor Marincic at the Faculty of the Electronic Engineering in the teaching and research are important, deep and indelible. Moreover, the friendships developed during this long period of time are deep and indelible too. This is not to wonder about, since everyone that knows him really well, MUST LIKE HIM!

Dear Professor Marin-i}, happy 70th birthday! We truly hope to collaborate with you for many more years with pleasure.